

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

10/26/2011

Spencer Lord
Assistant District Attorney, Suffolk County

Dear ADA Lord,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan, and Kate Corbett.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Kate Corbett was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read 'Annie Dookhan'.

Annie Dookhan
Chemist
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6622

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Kate A. Corbett

Education

Bachelor of Science Degree, CHEMISTRY May 2003

MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2005-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate (September 2003 – August 2005)

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

Intern (March 2003 – August 2003)

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units

DRUG RECEIPT

CC #

BOOK #

PAGE #

DESTRUCTION #

District/Unit

Name & Rank of Arresting Officer

ID#

DEFENDANT'S NAME

ADDRESS

CITY

STATE

BOSTON

BOSTON

BOSTON

LOWELL

ROXBURY

MA

MA

MA

MA

MA

LAB USE ONLY

DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITYGROSS
WEIGHTANALYSIS
NUMBER

CRACK COCAINE

1 P/B

1.88g

CRACK COCAINE

6 P/B

3.16g

CRACK COCAINE

19 P/B

6.52g

MARIJUANA

2 P/B

4.82g

MARIJUANA

LOOSE

2.41g

To be completed by ECU personnel only

Name and Rank of Submitting Officer

ID#

Received by

Date

ECU Control #

No. [REDACTED] Date Analyzed: 7/16/10
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]
Amount:
No. Cont: 1 Cont: pb
Date Rec'd: 04/13/2010
Gross Wt.: 1.88

Subst: SUB

No. Analyzed:
Net Weight: 0.12
Tests: 6 ASD
• 2KAC

Prelim: cocaine @12

Findings: Cocaine

No. [REDACTED] Date Analyzed: 7/16/10
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]
Amount:
No. Cont: 6 Cont: pb
Date Rec'd: 04/13/2010
Gross Wt.: 3.67

Subst: SUB

No. Analyzed: 1
Net Weight: 0.17
Tests: 6 ASD
• 2KAC

Prelim: cocaine @10

Findings: Cocaine

No. [REDACTED] Date Analyzed: 7/16/10
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]
Amount:
No. Cont: 19 Cont: pb
Date Rec'd: 04/13/2010
Gross Wt.: 6.52

Subst: SUB

No. Analyzed: 2
Net Weight: 2.88
Tests: 12 ASD
• 4KAC

Prelim: cocaine @10

Findings: Cocaine

No. [REDACTED]
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]
Amount:
No. Cont: 2 Cont: pb
Date Rec'd: 04/13/2010
Gross Wt.: 4.82

Date Analyzed: 07-13-10

Subst: VM

No. Analyzed: 1
Net Weight:

Tests: 3 ASD

MUO @ MCA @

DU @

Marijuana

No. [REDACTED]
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]
Amount:
No. Cont: 1 Cont: pb
Date Rec'd: 04/13/2010
Gross Wt.: 2.41

Date Analyzed: 07-13-10

Subst: VM

No. Analyzed:
Net Weight:

Tests: 3 ASD

MUO @ MCA @

DU @

Marijuana

Prelim:

Findings:

Prelim:

Findings:

gross wt of 2 pb = 2.7

gross wt 1 pb = 1.1

GC/MSA
D071410.S

GC/MSA
D071410.S

net wt = 0.1

GC/MSA
D071410.S

SAMPLE # _____ AGENCY Boston ANALYST ASD

Evidence Wt. _____

Gross Wt (): 0.1414

Gross Wt (): _____

Net Wt: 0.1260

Spot Tests

Marquis _____

Froehde's

Mecke's

Gold
Chloride +

TLTA (7) +

[illegible]

GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS
OPERATOR KAC

DATE 7-16-10

DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY Boston ANALYST ADD

No. of samples tested: Evidence Wt.

PHYSICAL DESCRIPTION:

off white chunky substance
17 bps

Gross Wt (6): 1.2310

Gross Wt (1): 0.2324

Pkg. Wt:

Net Wt: 0.1729

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (-) +

Marquis -

Froehde's -

Mecke's -

Microcrystalline Tests

Gold
Chloride +

TLTA (-) +

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 7-13-10

GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS
OPERATOR ICAC

DATE 7-16-10

DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY Boston ANALYST ASJ

No. of samples tested: Evidence Wt.

PHYSICAL DESCRIPTION:

off white chunky substance
in 19 pbs

Gross Wt (19): 4.0712

Gross Wt (2): 0.4903

Pkg. Wt:

Net Wt:

PRELIMINARY TESTS

Spot Tests

Cobalt
2 Thiocyanate (-) +
2 Marquis -
2 Froehde's -
2 Mecke's -

Microcrystalline Tests

Gold
2 Chloride +
2 TLTA (-) +

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 7-13-10

GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS
OPERATOR KAC

DATE 7-16-10

Sample #: XXXXXXXXXX

samples tested: 2

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	0.2161	0.0975	0.1186	26			
2	0.2747	0.0894	0.1853	27			
3				28			
4				29			
5				30			
6				31			
7				32			
8				33			
9				34			
10				35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

Calculations: Net wt

$$\text{Est Net wt} = 0.3039 / 2 = 0.1519(19)$$

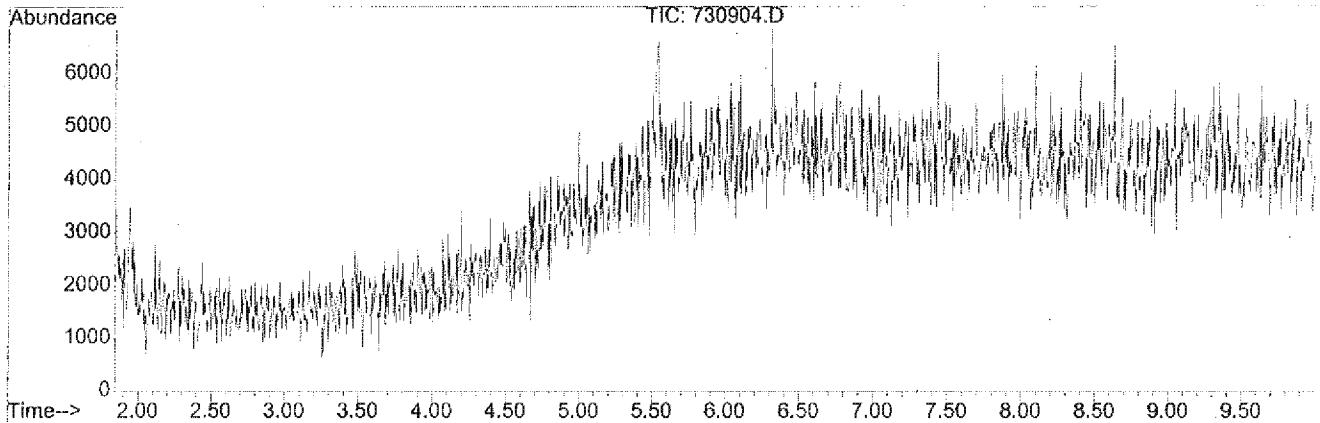
$$= 2.8861$$

Area Percent / Library Search Report

✓KAC
10/25/11

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07_14_10\730904.D
Operator : KAC
Date Acquired : 14 Jul 2010 11:12
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



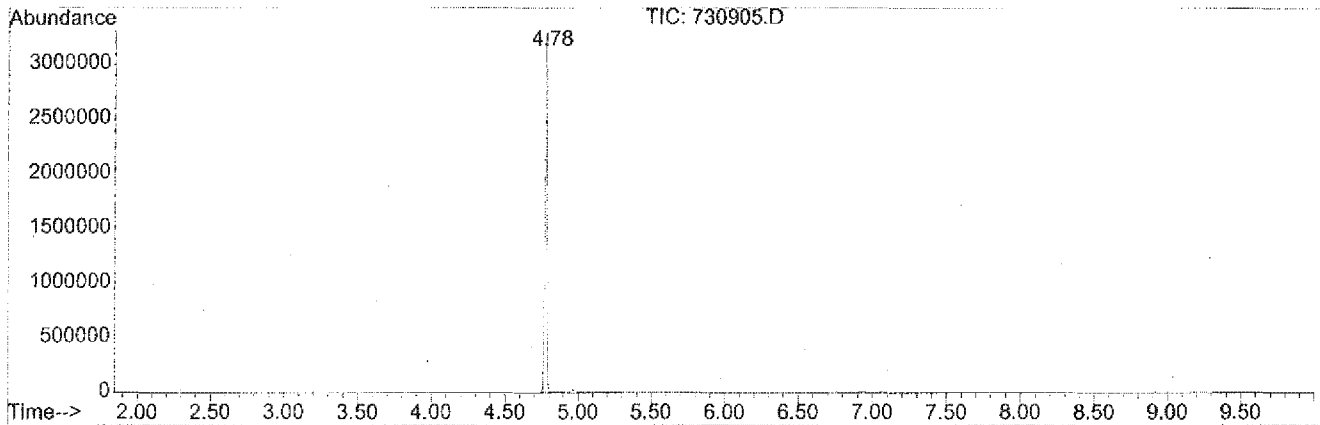
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07_14_10\730905.D
Operator : KAC
Date Acquired : 14 Jul 2010 11:26
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.776	3103653	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

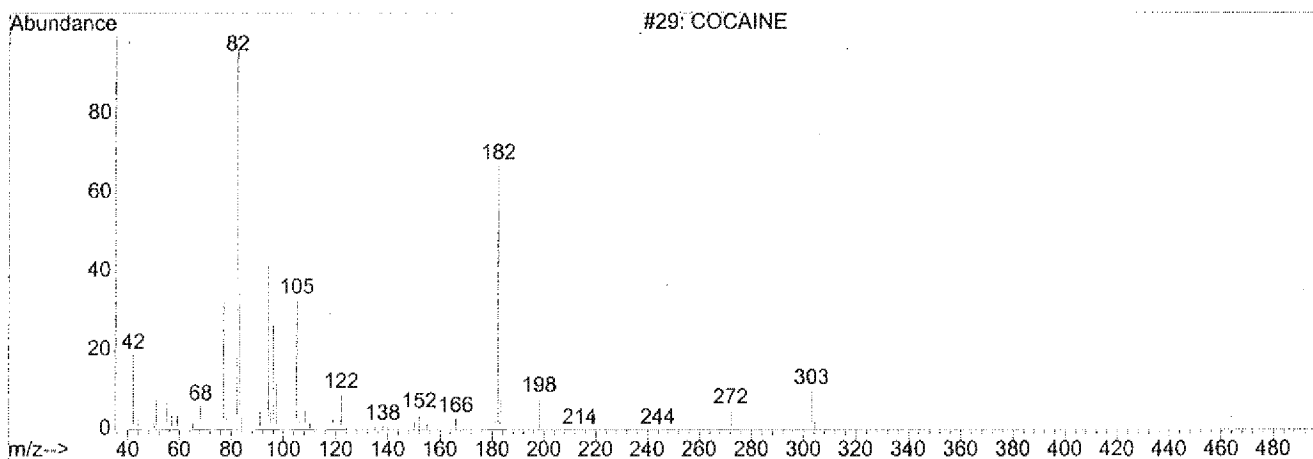
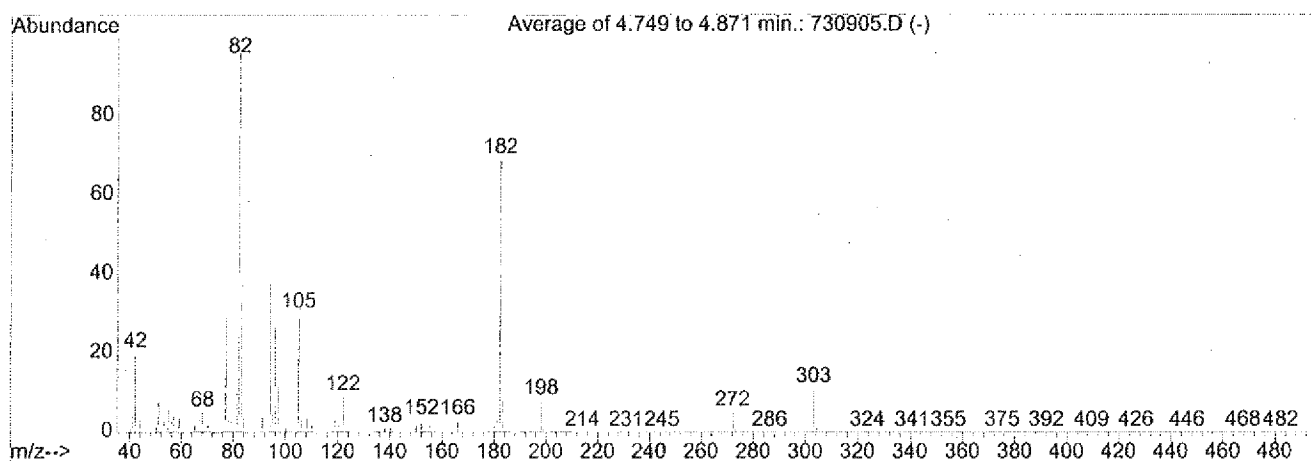
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File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730905.D
Operator        : KAC
Date Acquired   : 14 Jul 2010  11:26
Sample Name     : COCAINE STD
Submitted by    :
Vial Number     : 5
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

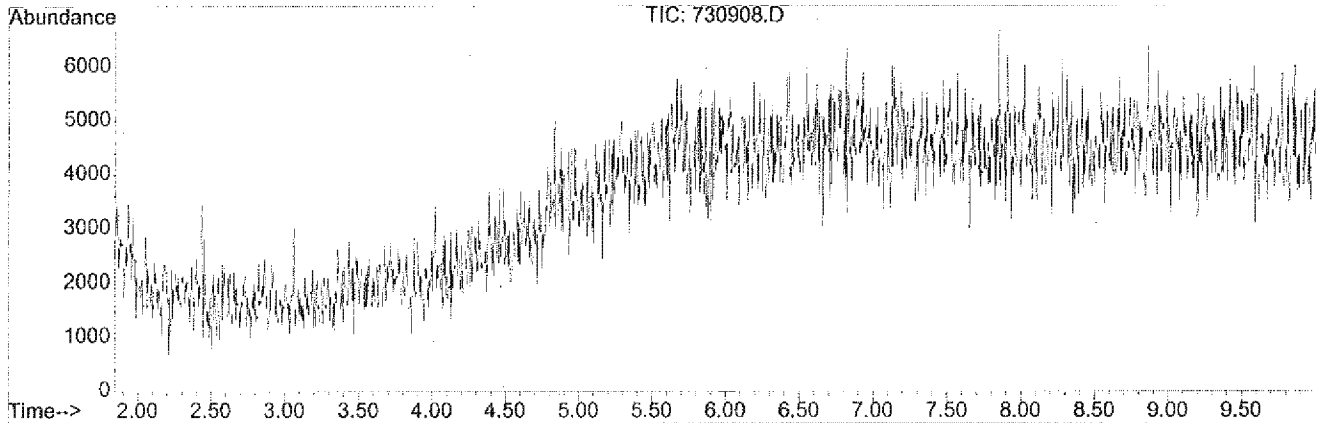
PK#	RT	Library/ID	CAS#	Qual
1	4.78	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07_14_10\730908.D
Operator : KAC
Date Acquired : 14 Jul 2010 12:07
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



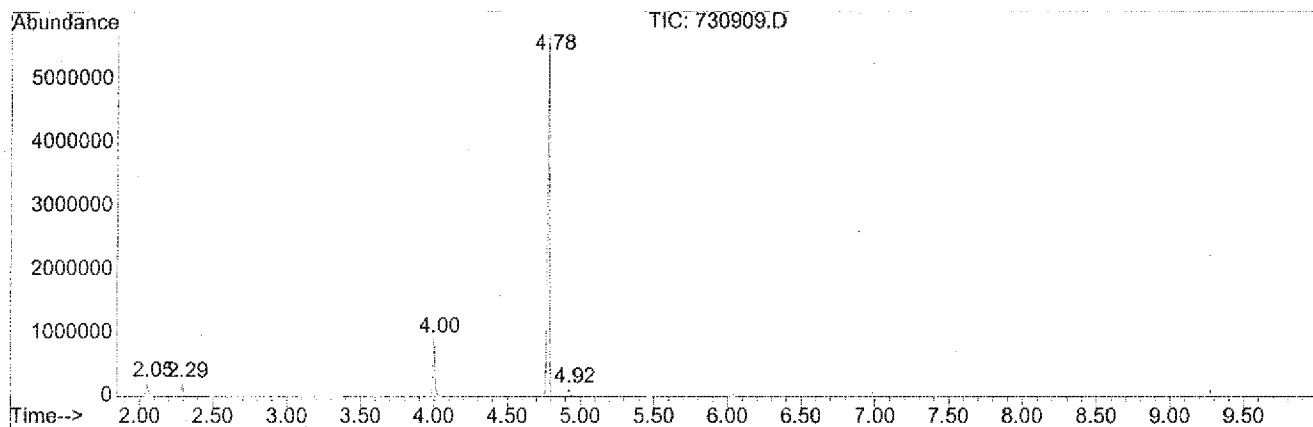
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07_14_10\730909.D
 Operator : KAC
 Date Acquired : 14 Jul 2010 12:20
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 9
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.050	290923	3.91	4.98
2.288	204941	2.76	3.51
3.996	969036	13.03	16.58
4.779	5843542	78.58	100.00
4.922	127679	1.72	2.18

Area Percent / Library Search Report

Information from Data File:

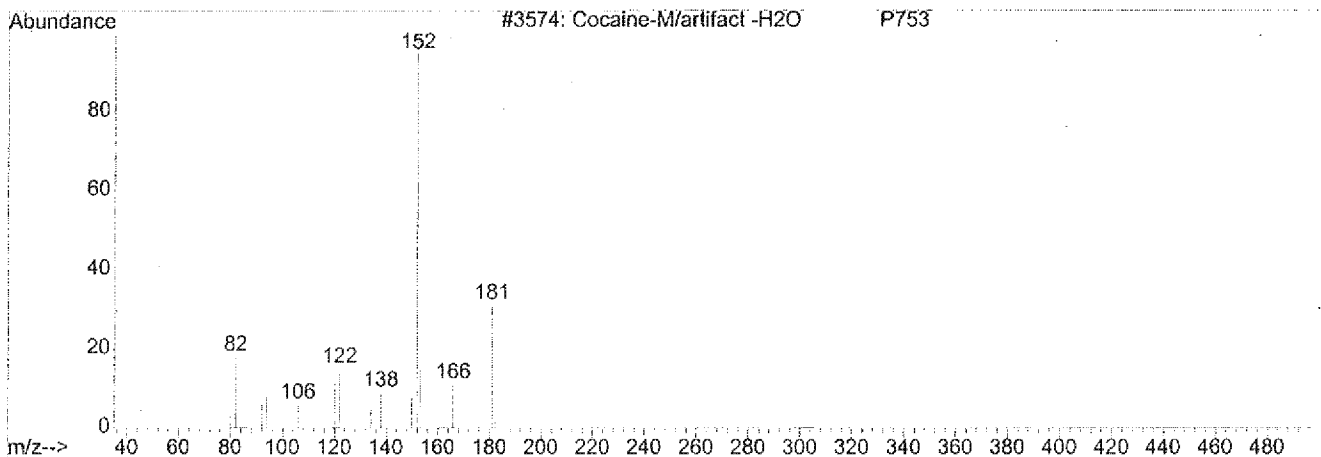
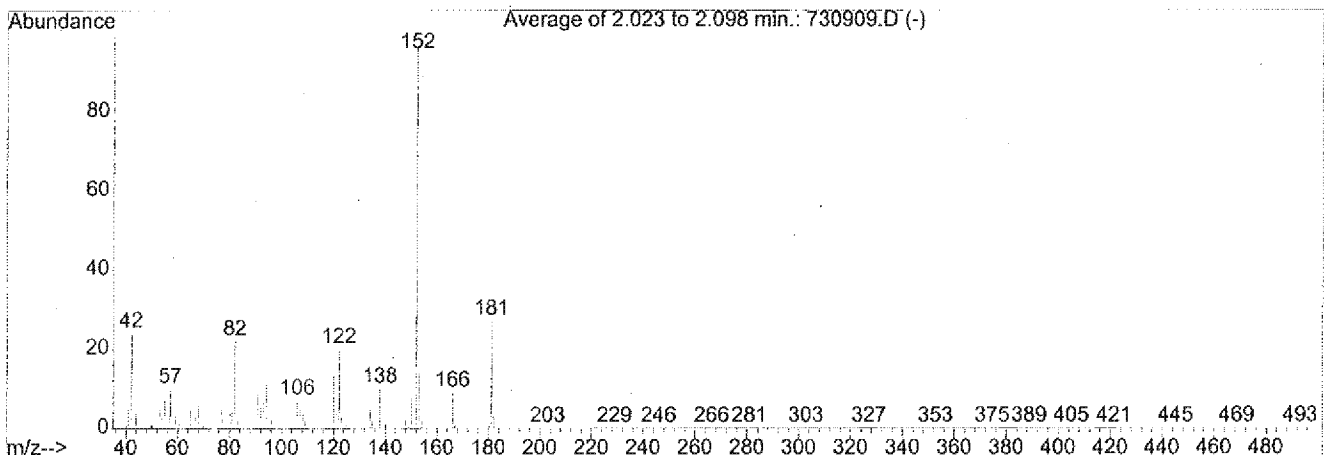
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File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730909.D
Operator        : KAC
Date Acquired   : 14 Jul 2010  12:20
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 9
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	2.05	C:\DATABASE\PMW_TOX2.L		
		Cocaine-M/artifact -H2O	000000-00-0	98
		MDA-M (desmethylenyl-methyl-) ME @	000000-00-0	37
		Metipranolol-M/artifact AC	000000-00-0	25



Area Percent / Library Search Report

Information from Data File:

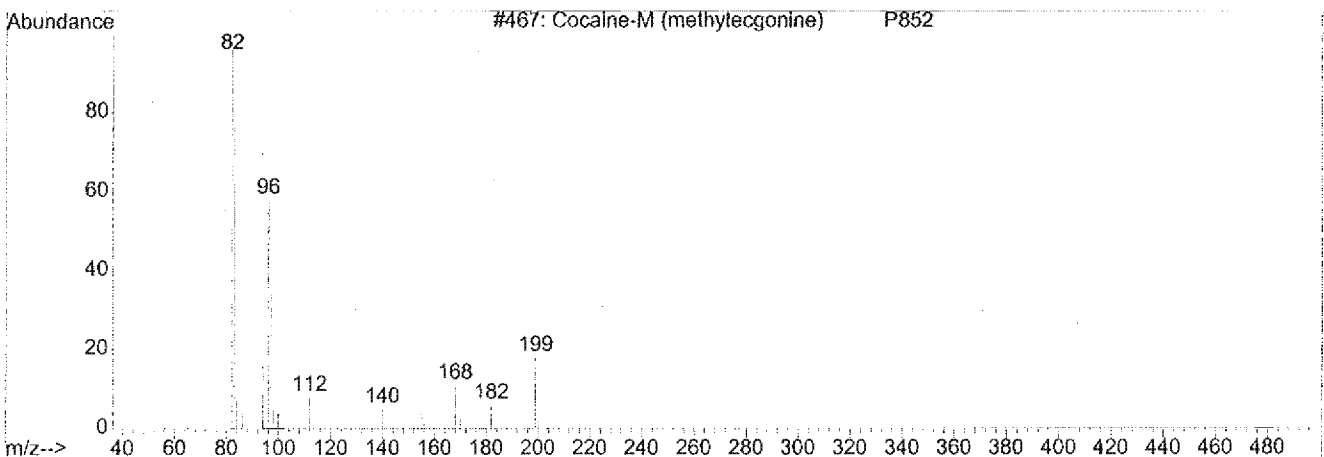
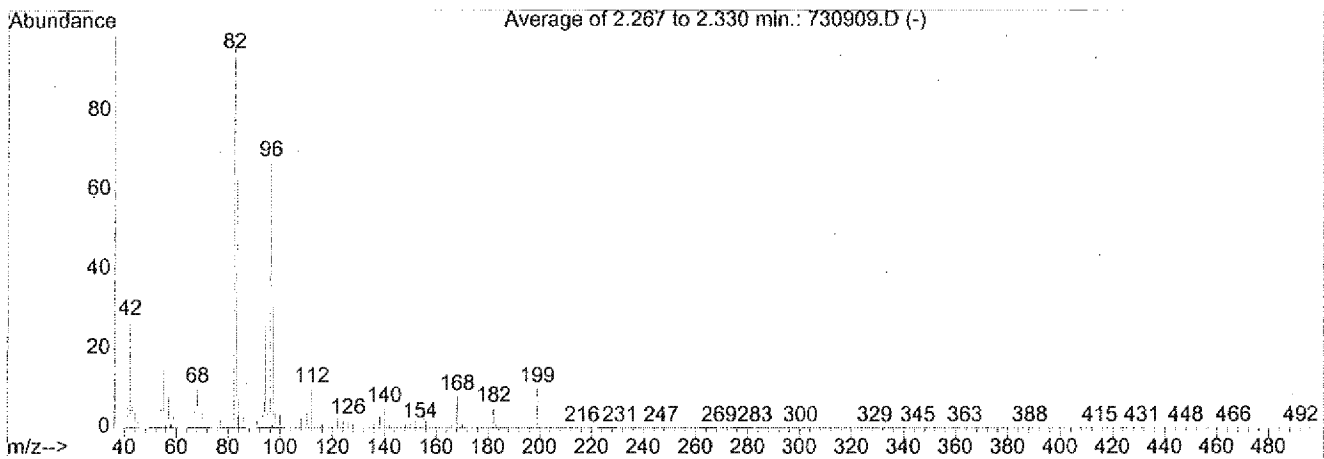
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File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730909.D
Operator        : KAC
Date Acquired   : 14 Jul 2010  12:20
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 9
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
2	2.29	C:\DATABASE\PMW_TOX2.L		
		Cocaine-M (methylecgonine)	007143-09-1	96
		Cocaine	000050-36-2	36
		Selegiline-M (nor-HO-) 2AC	000000-00-0	9



Area Percent / Library Search Report

Information from Data File:

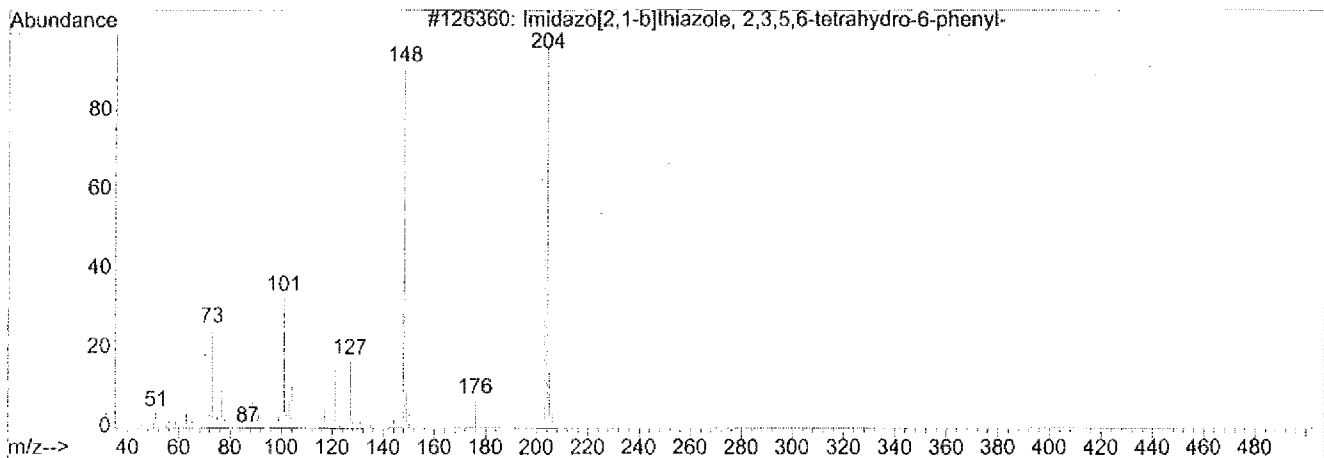
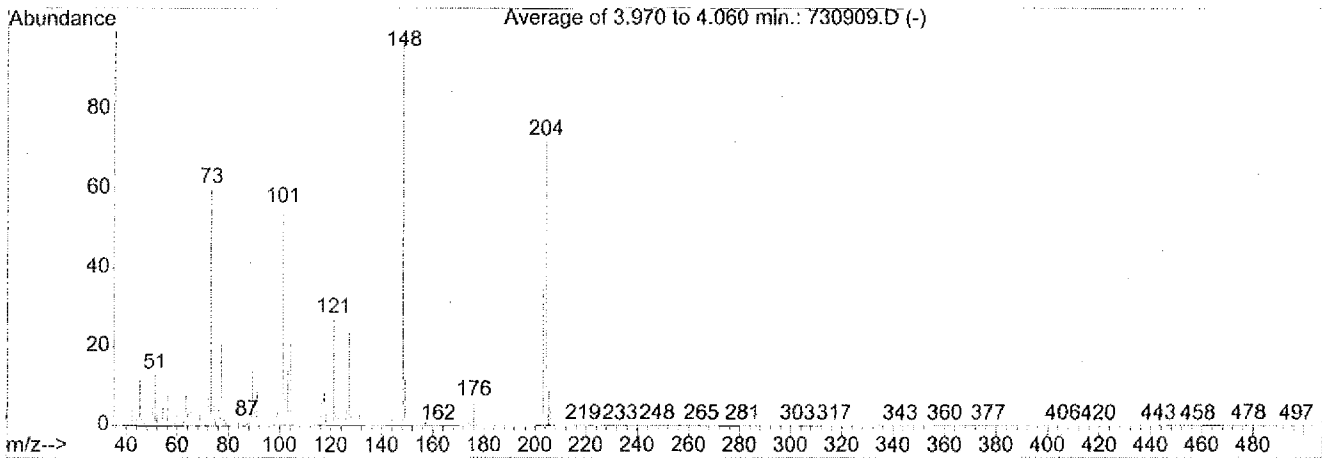
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File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730909.D
Operator        : KAC
Date Acquired   : 14 Jul 2010  12:20
Sample Name     : 
Submitted by    : ASD
Vial Number     : 9
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
3	4.00	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98



Area Percent / Library Search Report

Information from Data File:

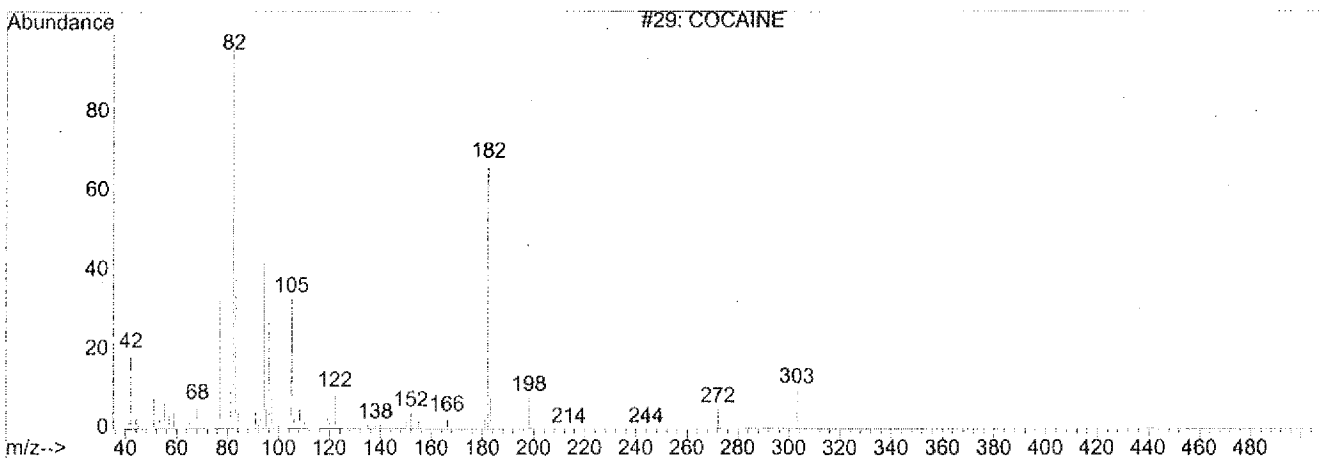
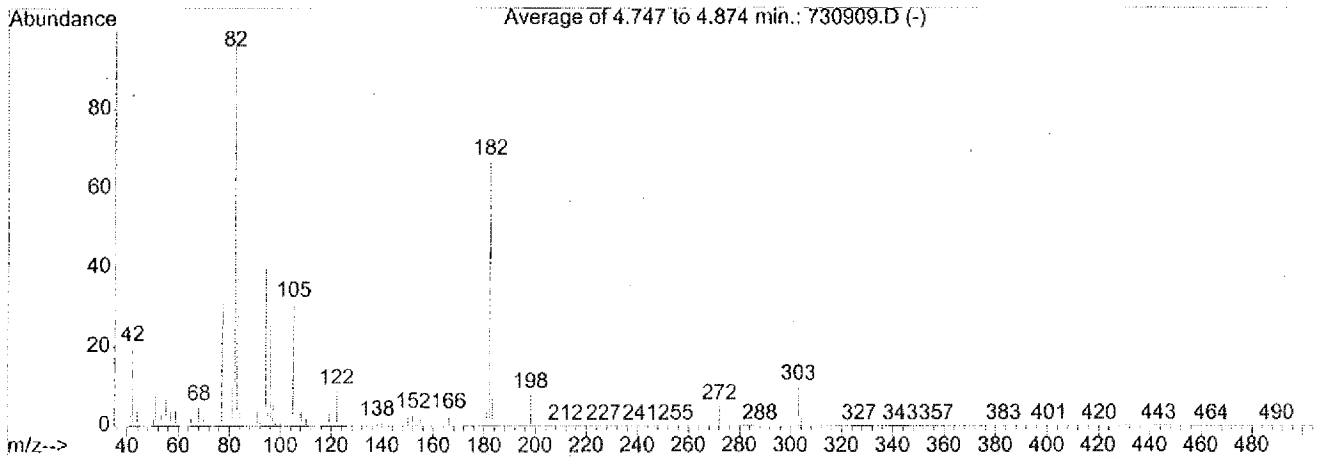
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File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730909.D
Operator        : KAC
Date Acquired   : 14 Jul 2010  12:20
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 9
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
4	4.78	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

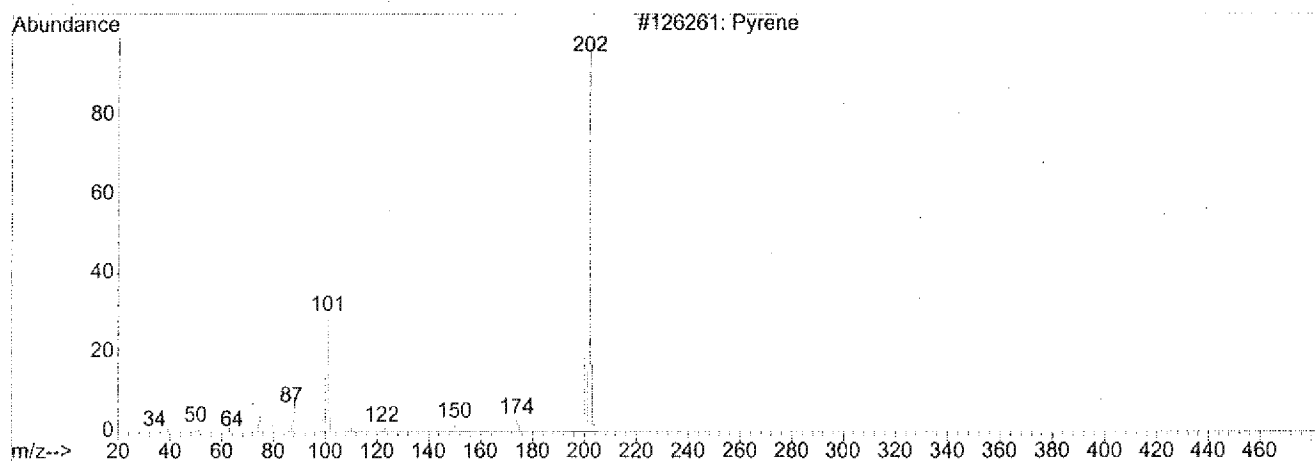
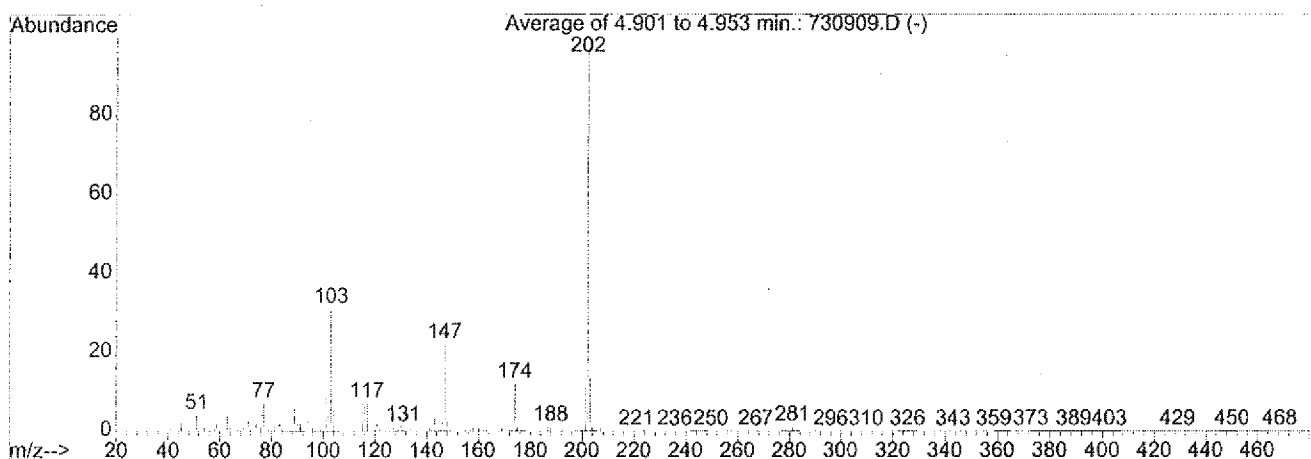
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File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730909.D
Operator        : KAC
Date Acquired   : 14 Jul 2010  12:20
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 9
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

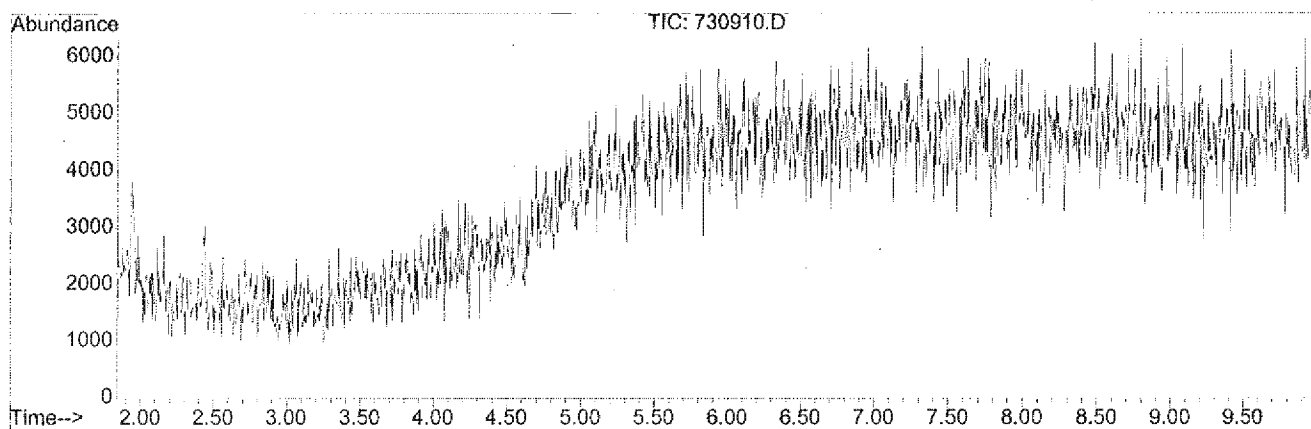
PK#	RT	Library/ID	CAS#	Qual
5	4.92	C:\DATABASE\NIST98.L		
		Pyrene	000129-00-0	47
		Fluoranthene	000206-44-0	47
		Fluoranthene	000206-44-0	43



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07_14_10\730910.D
Operator : KAC
Date Acquired : 14 Jul 2010 12:34
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



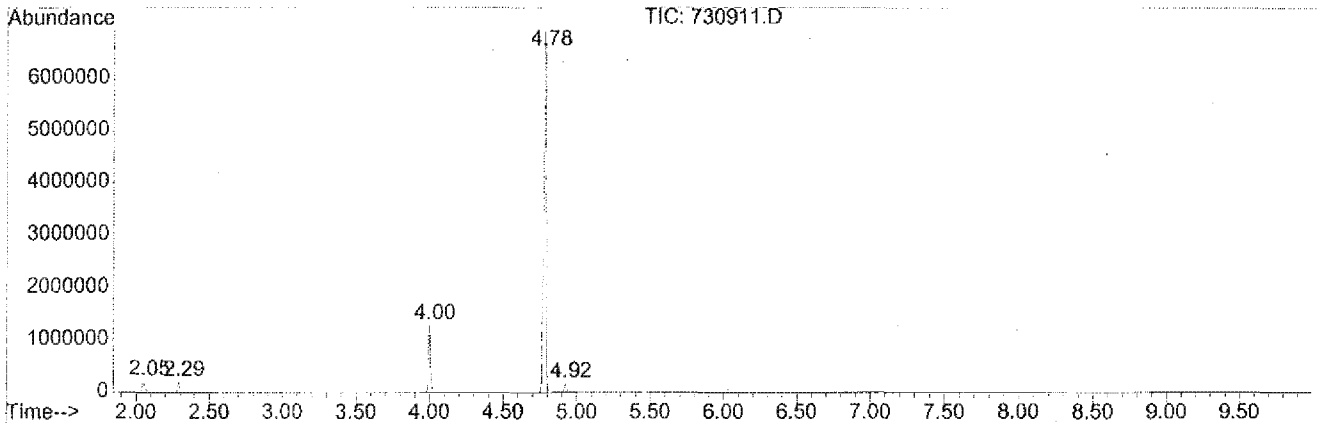
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07_14_10\730911.D
 Operator : KAC
 Date Acquired : 14 Jul 2010 12:47
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 11
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.050	320678	3.25	4.09
2.288	189478	1.92	2.41
3.996	1334844	13.52	17.01
4.779	7848688	79.50	100.00
4.922	179197	1.82	2.28

Area Percent / Library Search Report

Information from Data File:

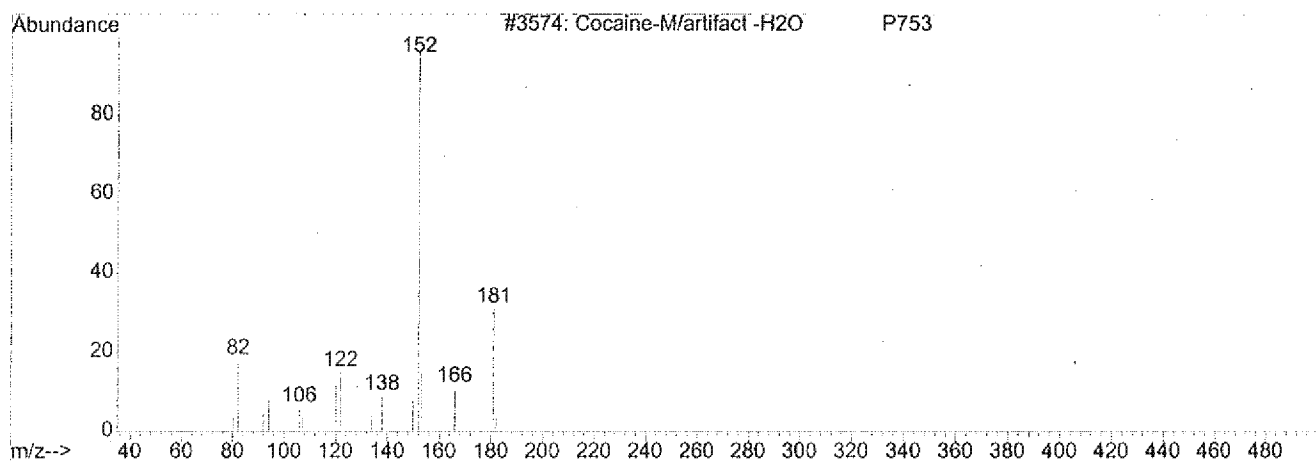
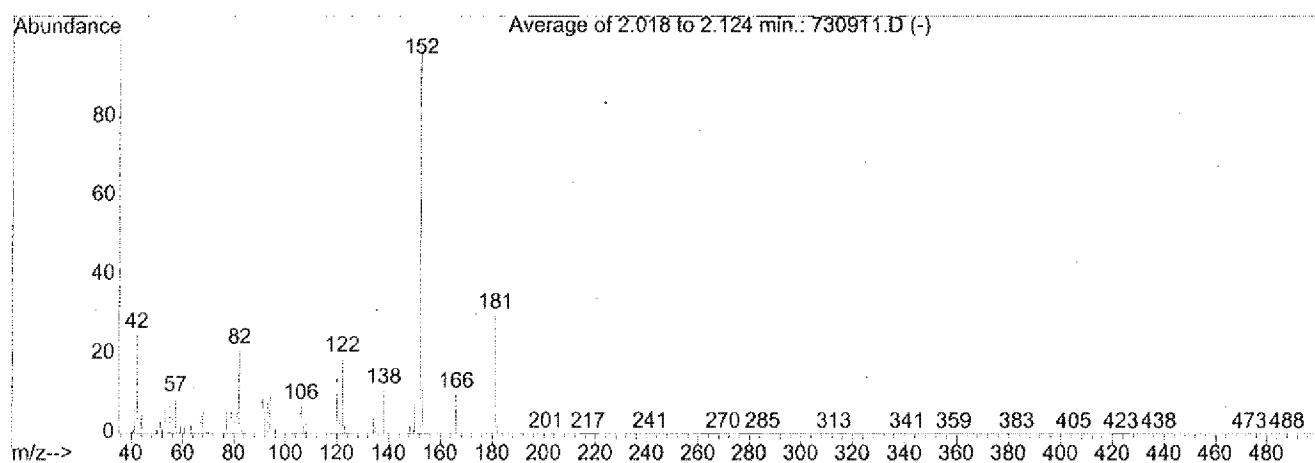
```

File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730911.D
Operator        : KAC
Date Acquired   : 14 Jul 2010  12:47
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 11
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	2.05	C:\DATABASE\PMW_TOX2.L		
		Cocaine-M/artifact -H2O	000000-00-0	98
		Metipranolol-M/artifact AC	000000-00-0	25
		DMA	002801-68-5	17



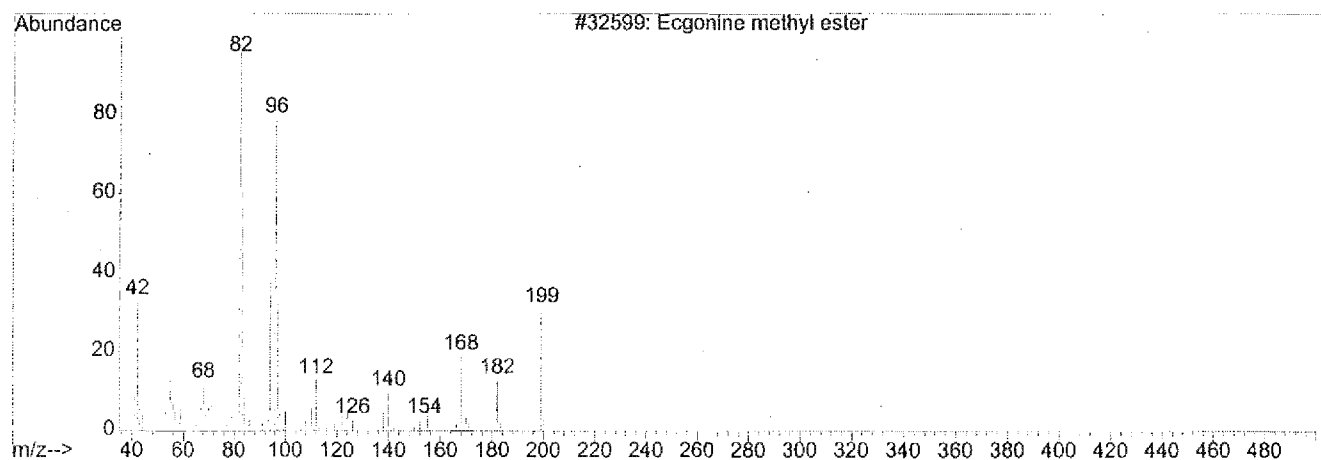
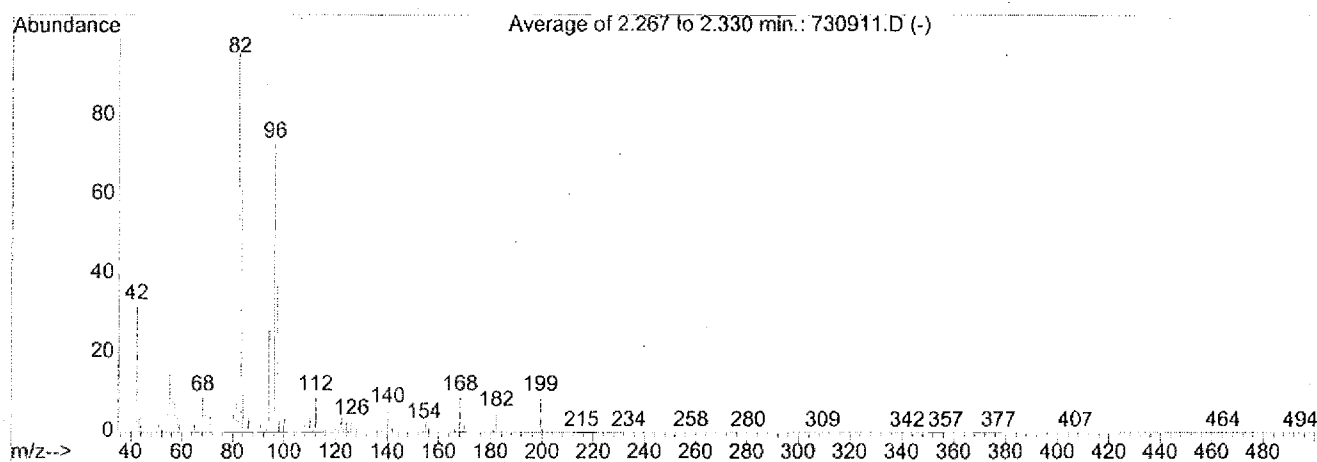
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07_14_10\730911.D
 Operator : KAC
 Date Acquired : 14 Jul 2010 12:47
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 11
 AcquisitionMeth: DRUGS
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
 C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
 C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
2	2.29	C:\DATABASE\NIST98.L		
		Ecgonine methyl ester	106293-60-1	97
		Methylecgonine	007143-09-1	96
		Methylecgonine	007143-09-1	96



Area Percent / Library Search Report

Information from Data File:

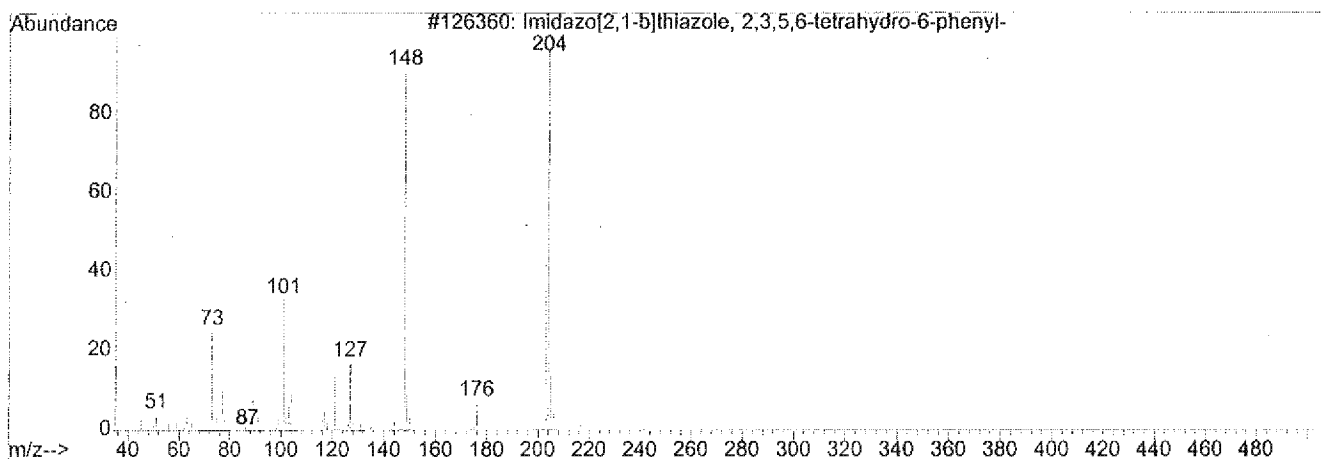
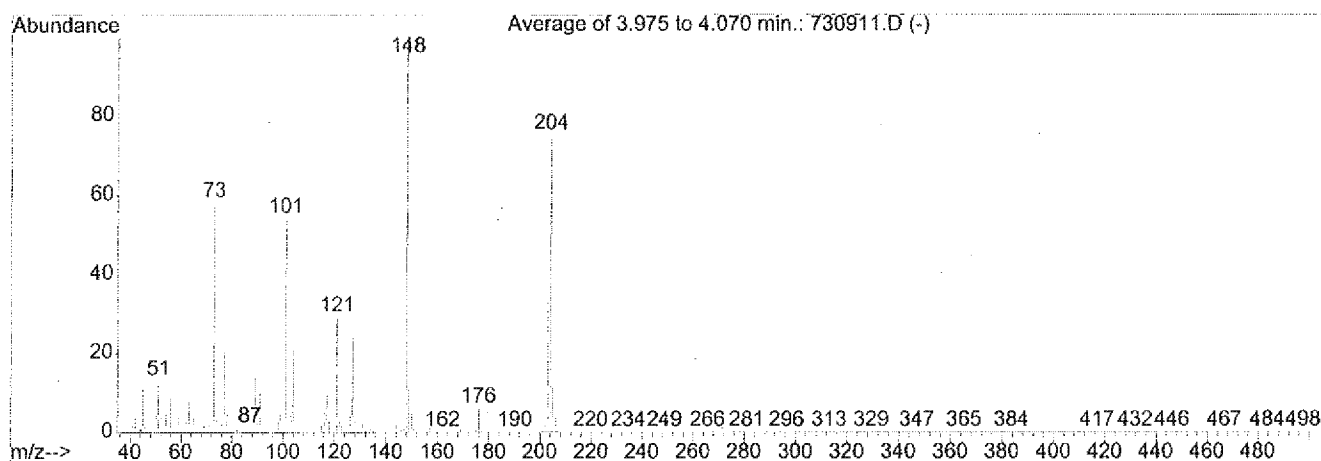
```

File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730911.D
Operator        : KAC
Date Acquired   : 14 Jul 2010   12:47
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 11
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
3	4.00	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97



Area Percent / Library Search Report

Information from Data File:

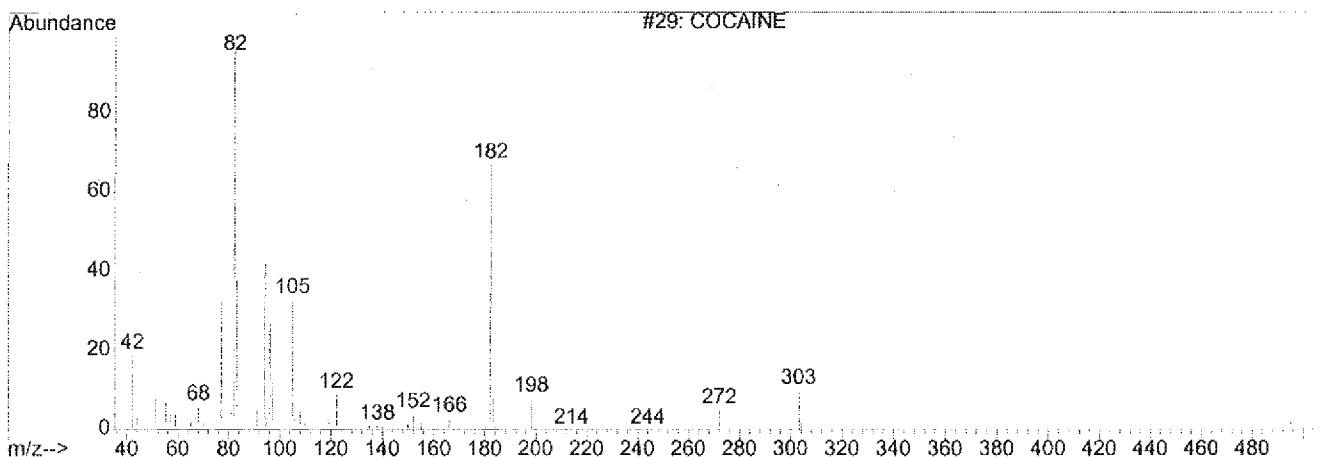
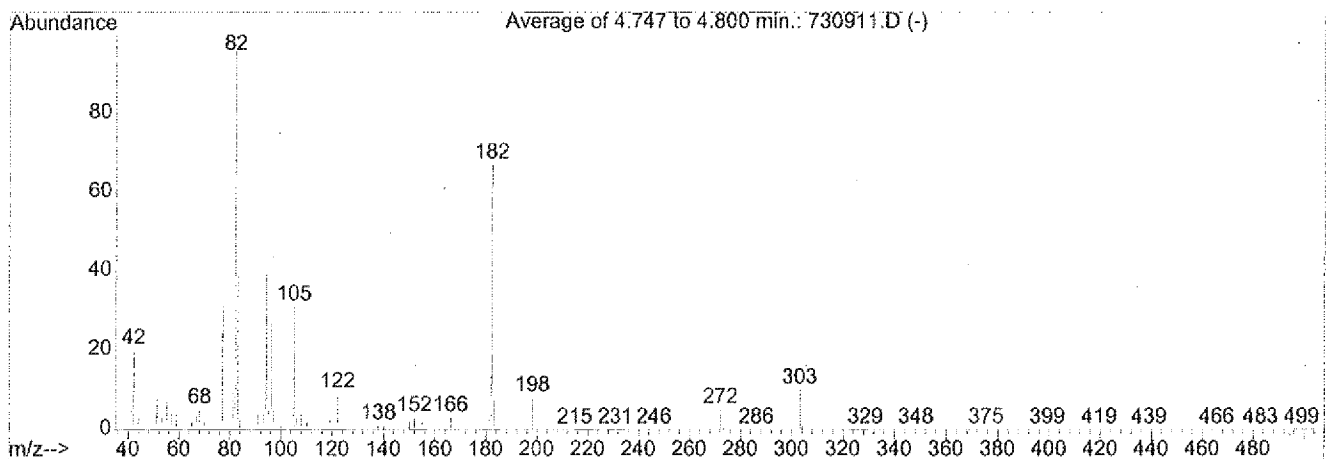
```

File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730911.D
Operator        : KAC
Date Acquired   : 14 Jul 2010  12:47
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 11
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
4	4.78	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

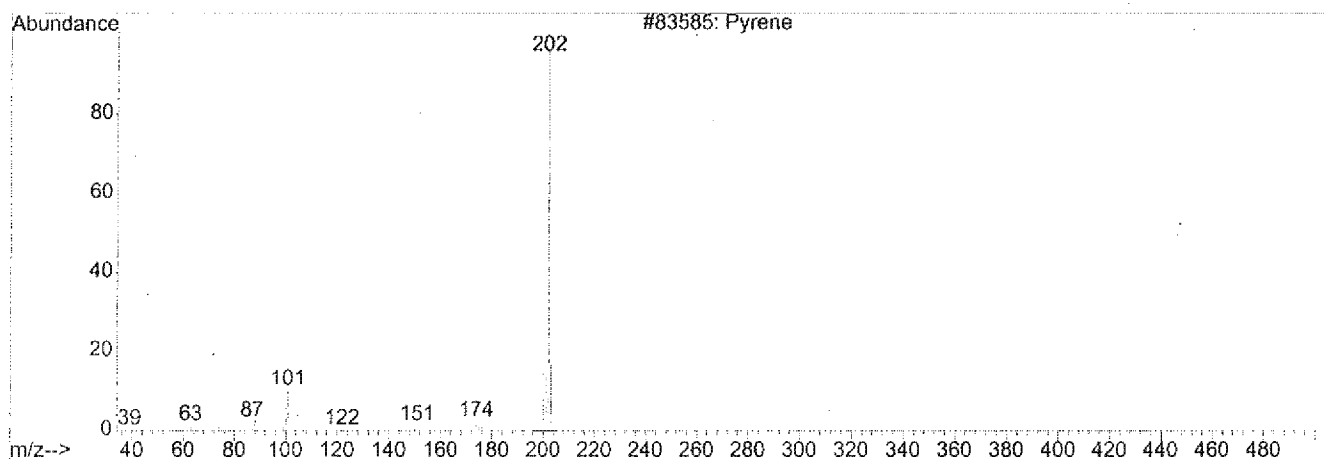
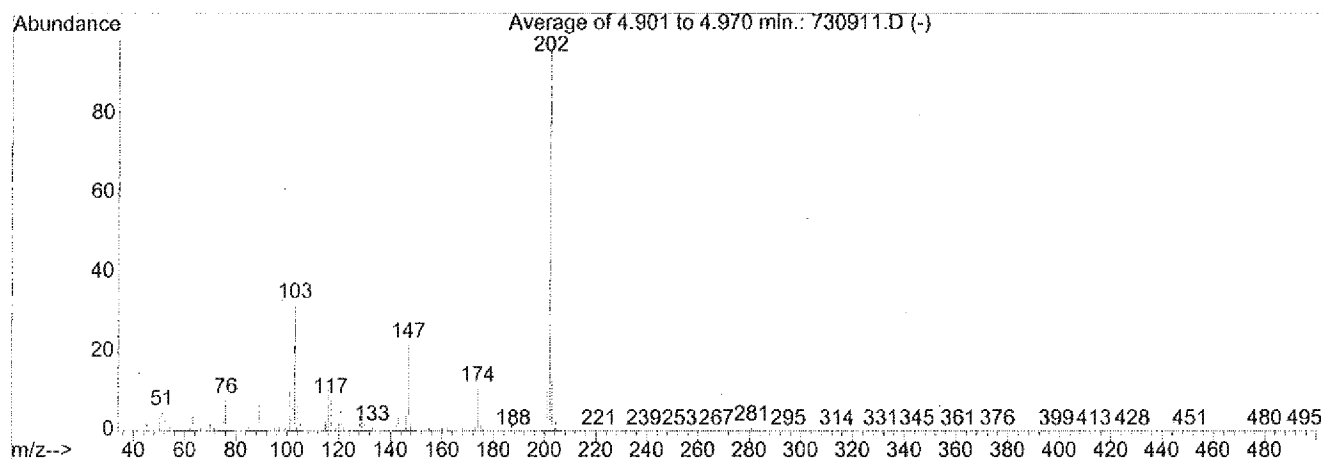
```

File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730911.D
Operator        : KAC
Date Acquired   : 14 Jul 2010  12:47
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 11
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

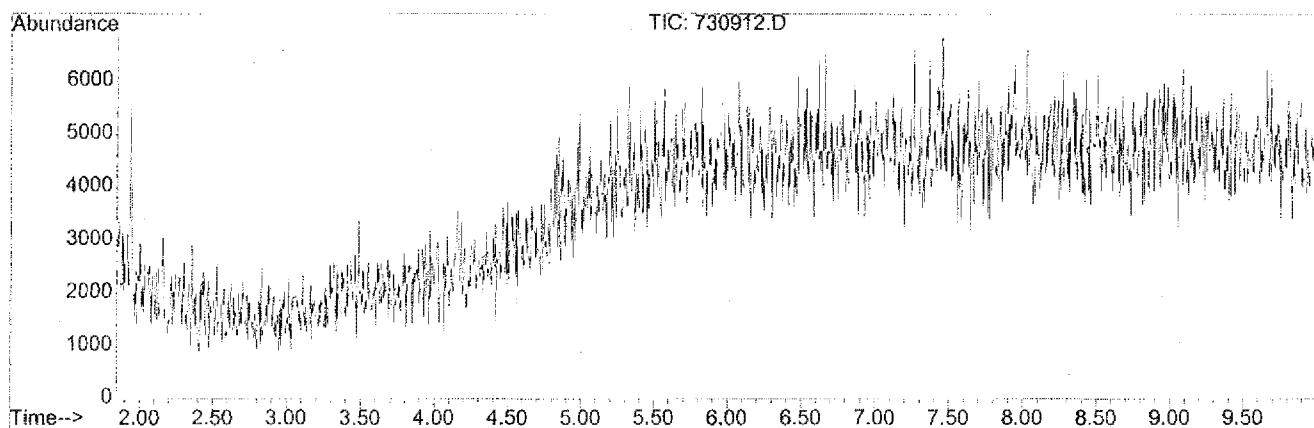
PK#	RT	Library/ID	CAS#	Qual
5	4.92	C:\DATABASE\NIST98.L		
		Pyrene	000129-00-0	49
		7H-Furo[3,2-g][1]benzopyran-7-one,	002009-24-7	47
		Fluoranthene	000206-44-0	47



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07_14_10\730912.D
Operator : KAC
Date Acquired : 14 Jul 2010 13:01
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



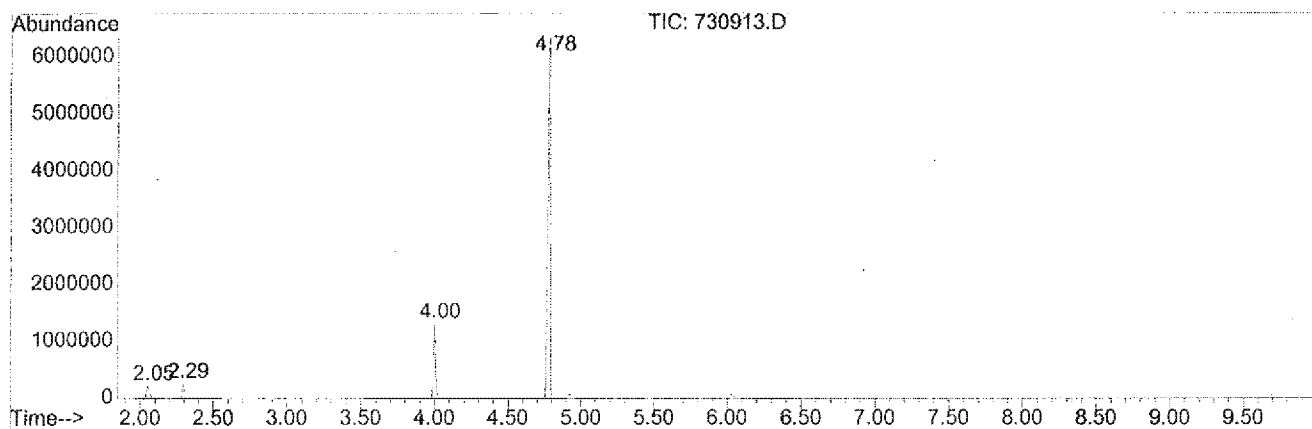
Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07_14_10\730913.D
 Operator : KAC
 Date Acquired : 14 Jul 2010 13:14
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 13
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.051	337680	3.89	4.98
2.289	247974	2.86	3.66
3.997	1321808	15.22	19.50
4.780	6777602	78.04	100.00

Area Percent / Library Search Report

Information from Data File:

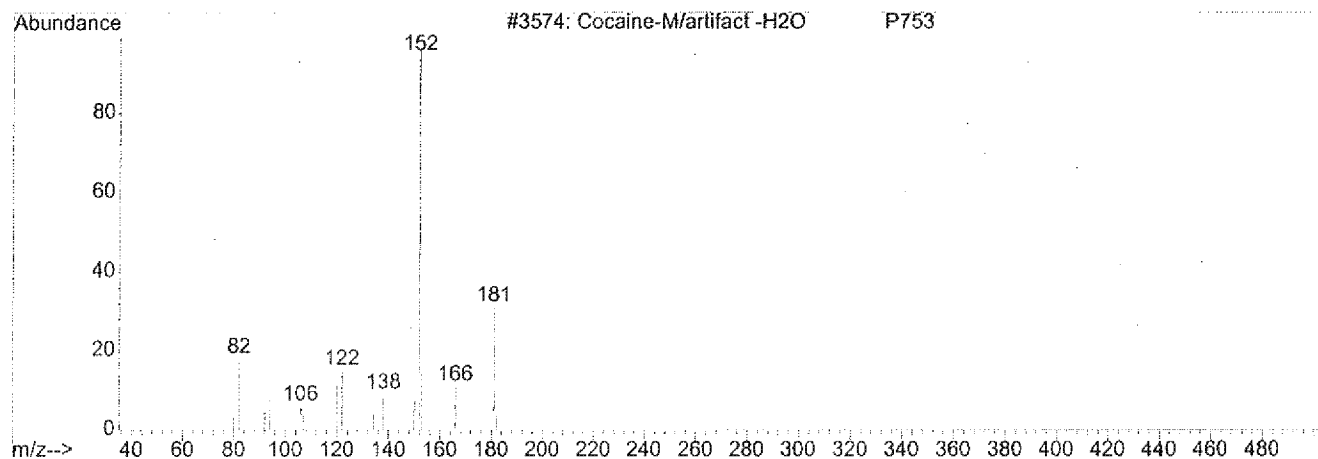
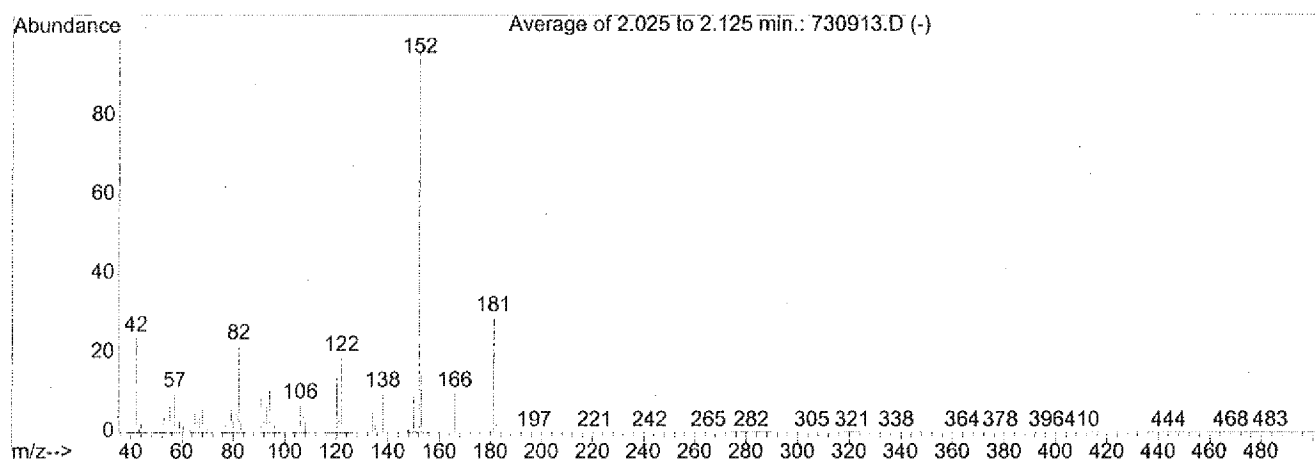
```

File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730913.D
Operator        : KAC
Date Acquired   : 14 Jul 2010   13:14
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 13
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	2.05	C:\DATABASE\PMW_TOX2.L		
		Cocaine-M/artifact -H2O	000000-00-0	98
		Metipranolol-M/artifact AC	000000-00-0	17
		MDA-M (desmethylenyl-methyl-) ME @	000000-00-0	9



Area Percent / Library Search Report

Information from Data File:

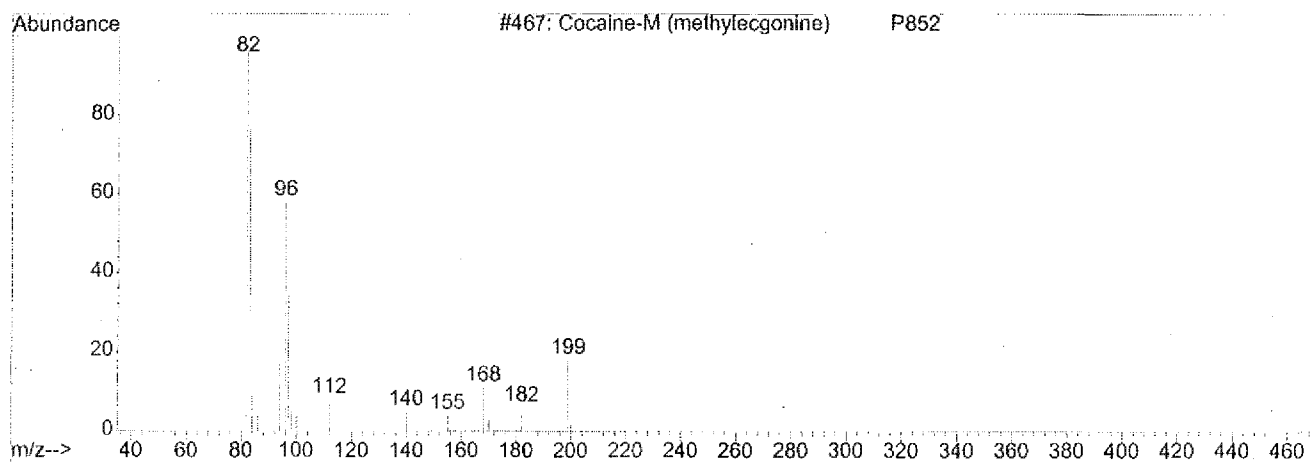
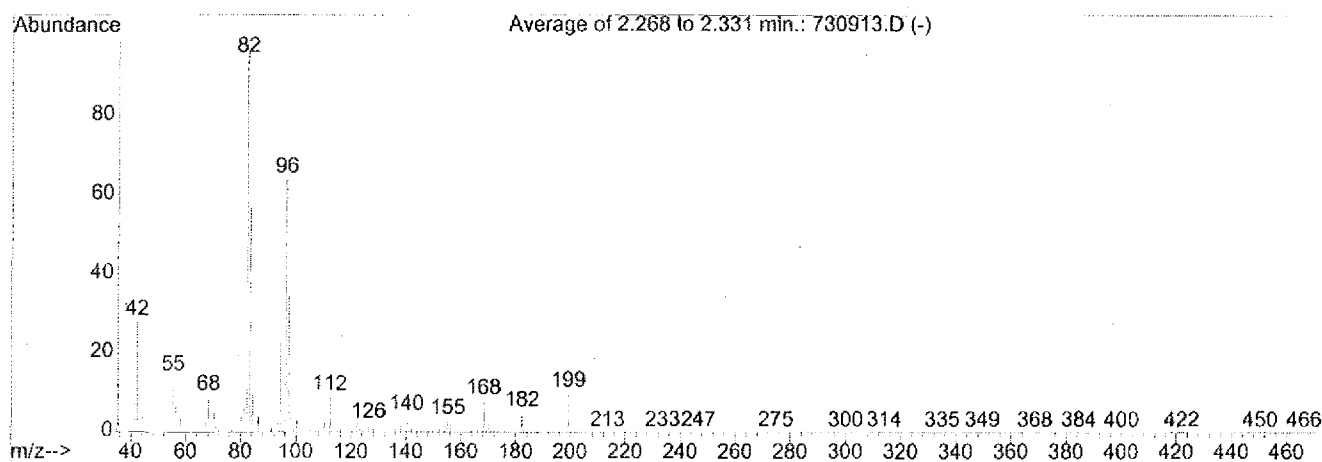
```

File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730913.D
Operator        : KAC
Date Acquired   : 14 Jul 2010  13:14
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 13
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
2	2.29	C:\DATABASE\PMW_TOX2.L		
		Cocaine-M (methylecgonine)	007143-09-1	96
		Cocaine	000050-36-2	38
		Cocaine-M (methylecgonine) AC	000000-00-0	9



Area Percent / Library Search Report

Information from Data File:

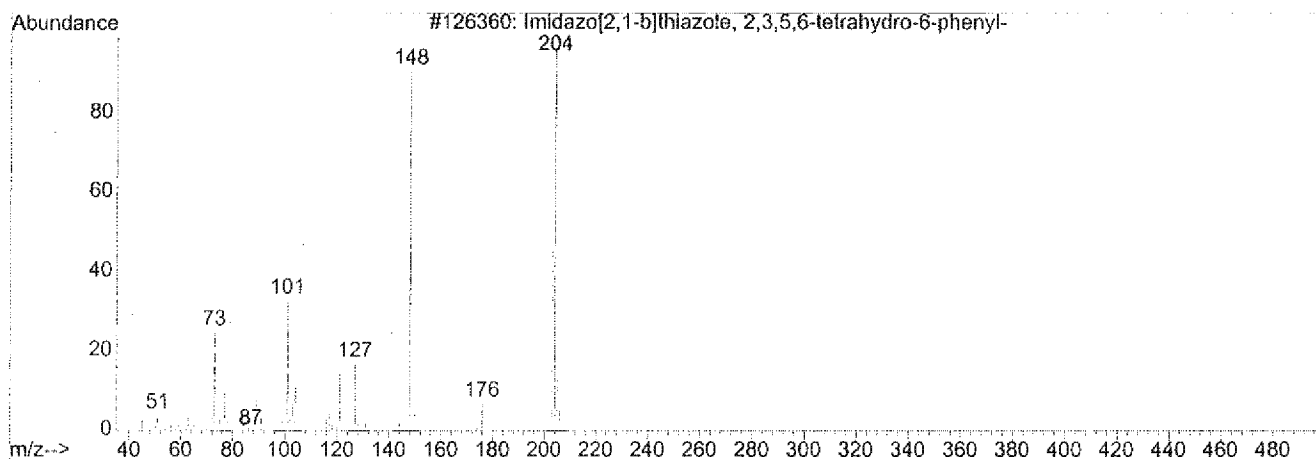
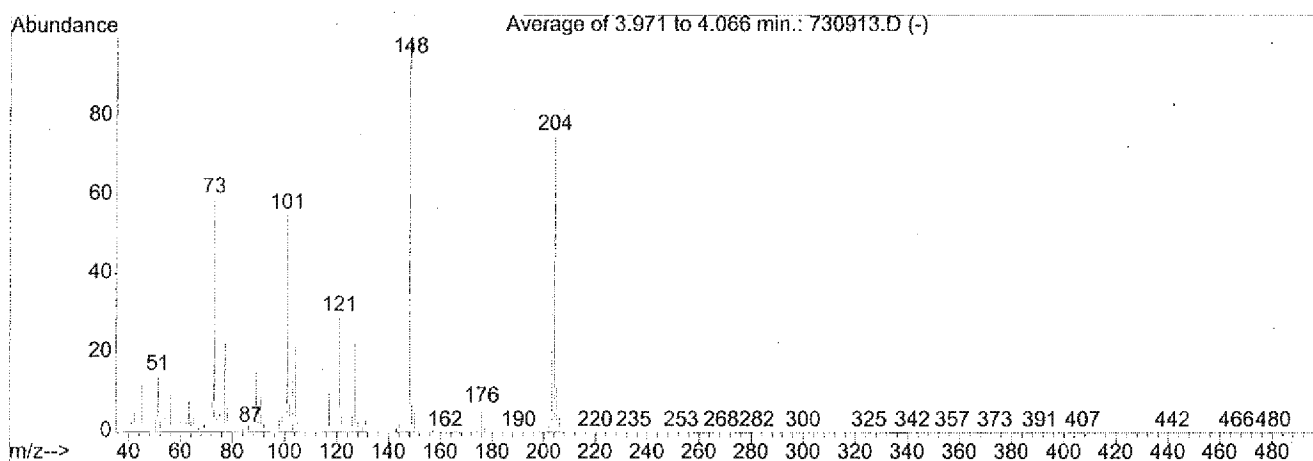
```

File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730913.D
Operator        : KAC
Date Acquired   : 14 Jul 2010  13:14
Sample Name     : 
Submitted by    : ASD
Vial Number     : 13
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
3	4.00	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97



Area Percent / Library Search Report

Information from Data File:

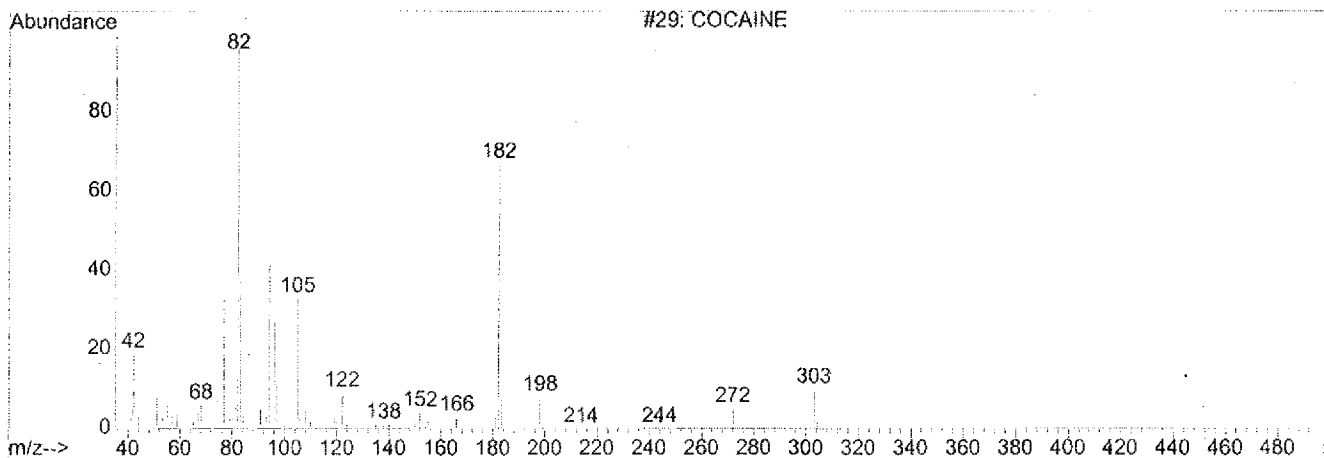
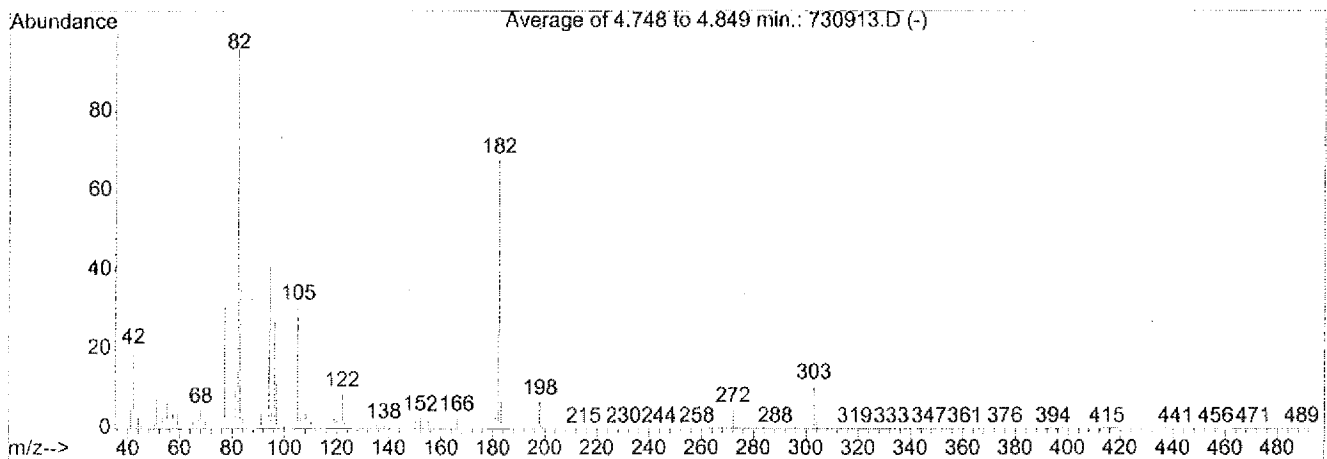
```

File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730913.D
Operator        : KAC
Date Acquired   : 14 Jul 2010  13:14
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 13
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

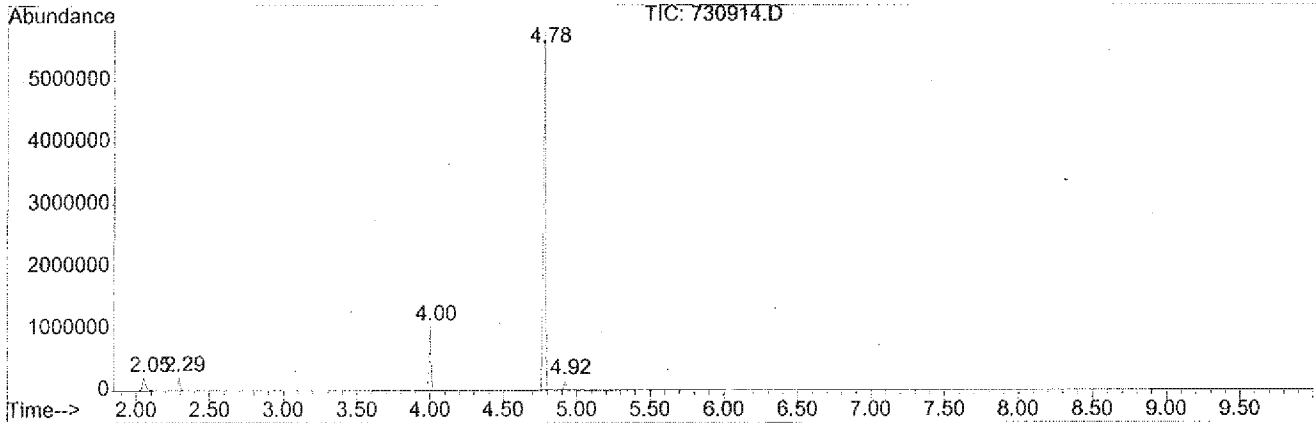
PK#	RT	Library/ID	CAS#	Qual
4	4.78	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07_14_10\730914.D
 Operator : KAC
 Date Acquired : 14 Jul 2010 13:28
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 14
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.053	315040	4.10	5.29
2.291	200717	2.61	3.37
3.999	1061624	13.81	17.82
4.777	5959129	77.51	100.00
4.919	151242	1.97	2.54

Area Percent / Library Search Report

Information from Data File:

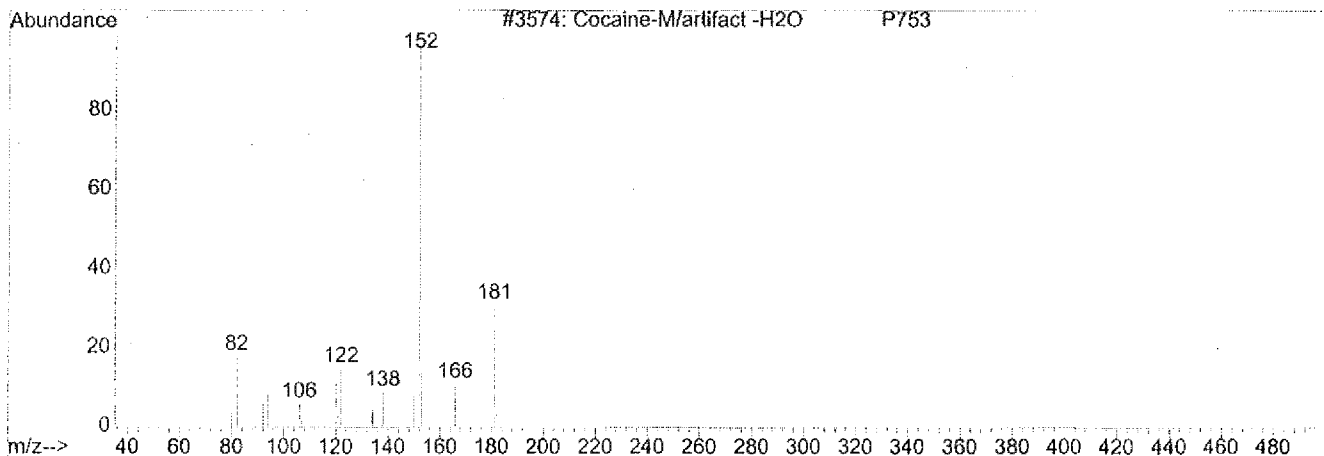
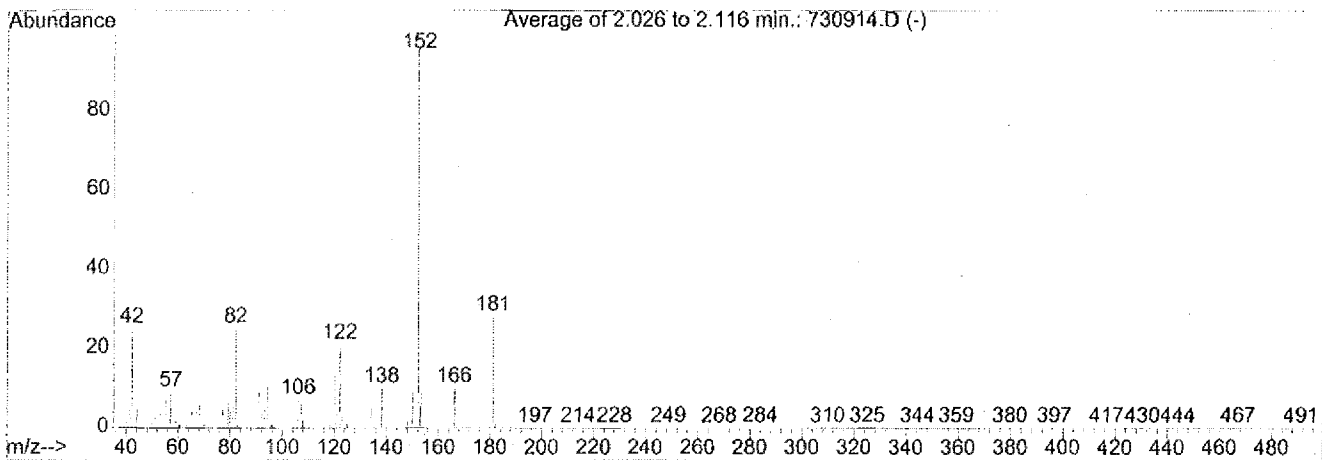
```

File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730914.D
Operator        : KAC
Date Acquired   : 14 Jul 2010  13:28
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 14
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	2.05	C:\DATABASE\PMW_TOX2.L		
		Cocaine-M/artifact -H2O	000000-00-0	96
		MDA-M (desmethylenyl-methyl-) ME @	000000-00-0	25
		Vanillin AC	000000-00-0	17



Area Percent / Library Search Report

Information from Data File:

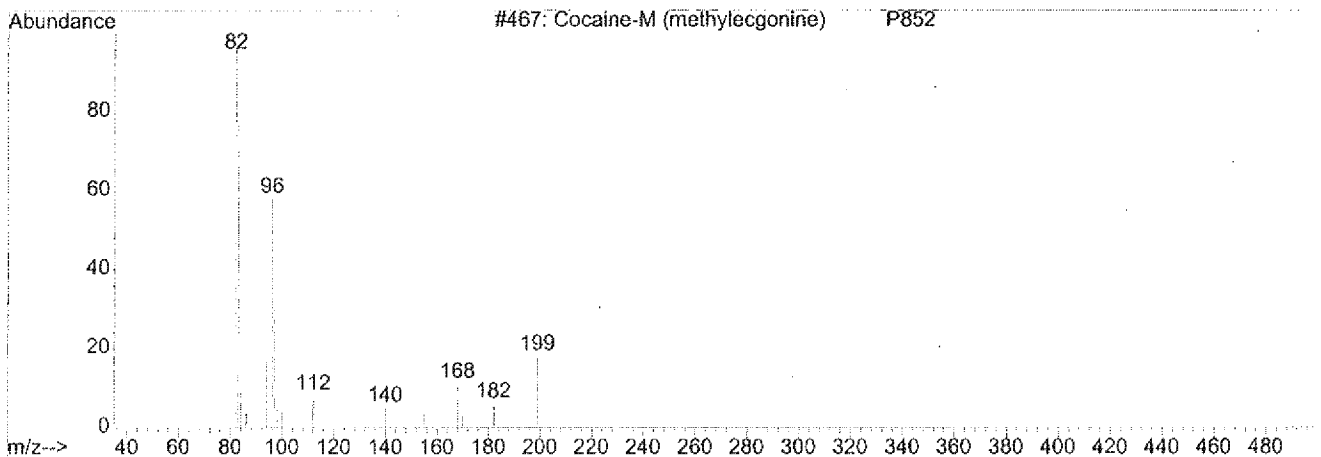
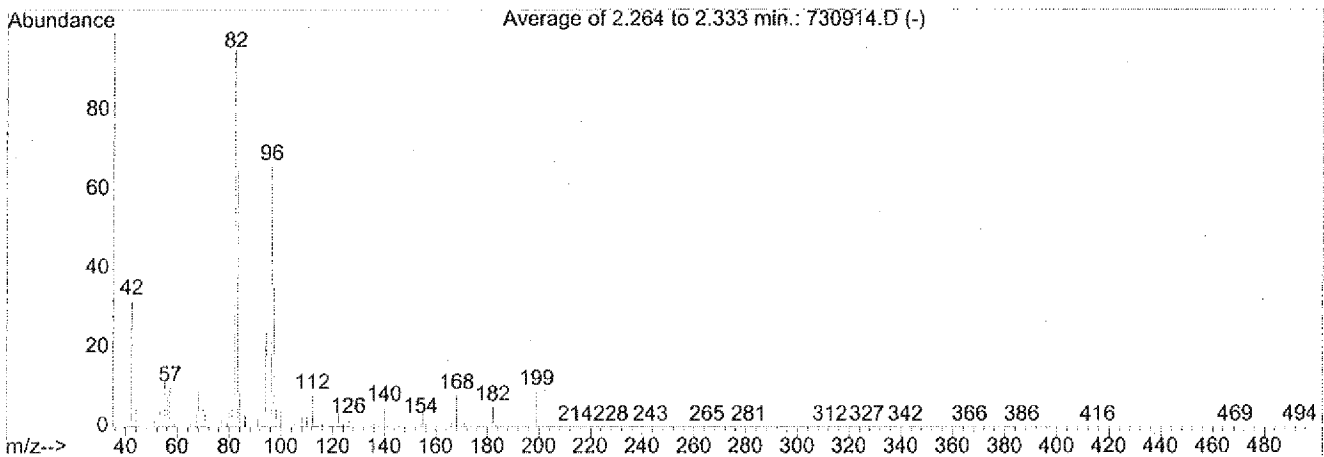
```

File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730914.D
Operator        : KAC
Date Acquired   : 14 Jul 2010  13:28
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 14
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
2	2.29	C:\DATABASE\PMW_TOX2.L		
		Cocaine-M (methylecgonine)	007143-09-1	96
		Cocaine	000050-36-2	39
		Cocaine-M (methylecgonine) AC	000000-00-0	9



Area Percent / Library Search Report

Information from Data File:

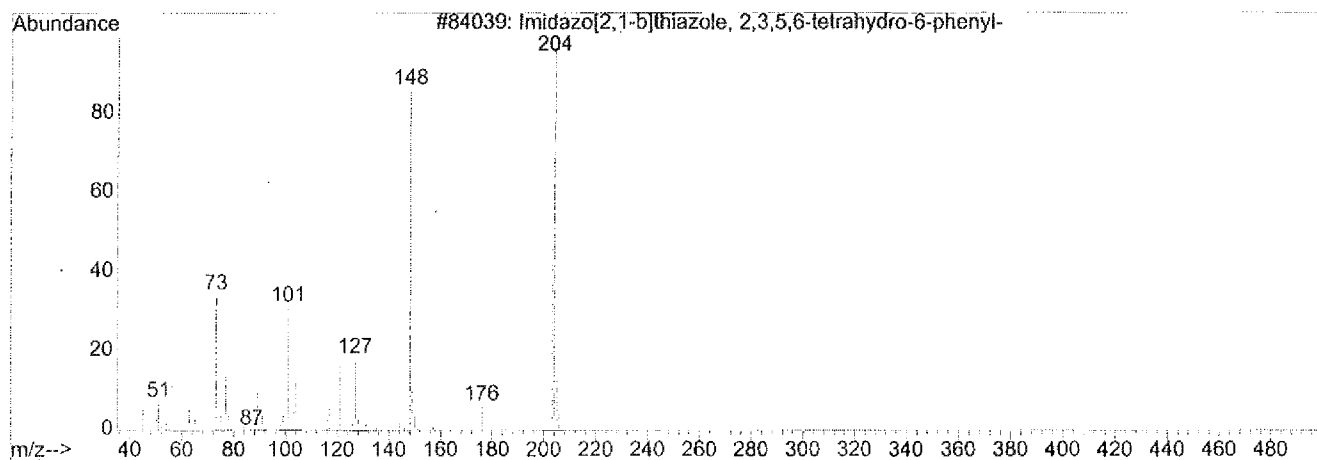
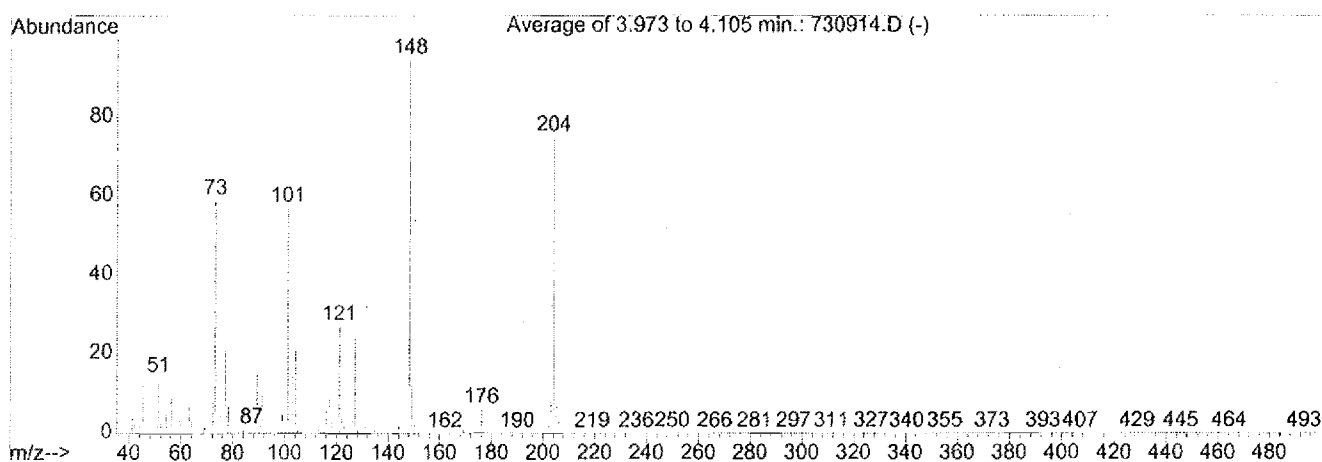
```

File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730914.D
Operator        : KAC
Date Acquired   : 14 Jul 2010  13:28
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 14
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
3	4.00	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97



Area Percent / Library Search Report

Information from Data File:

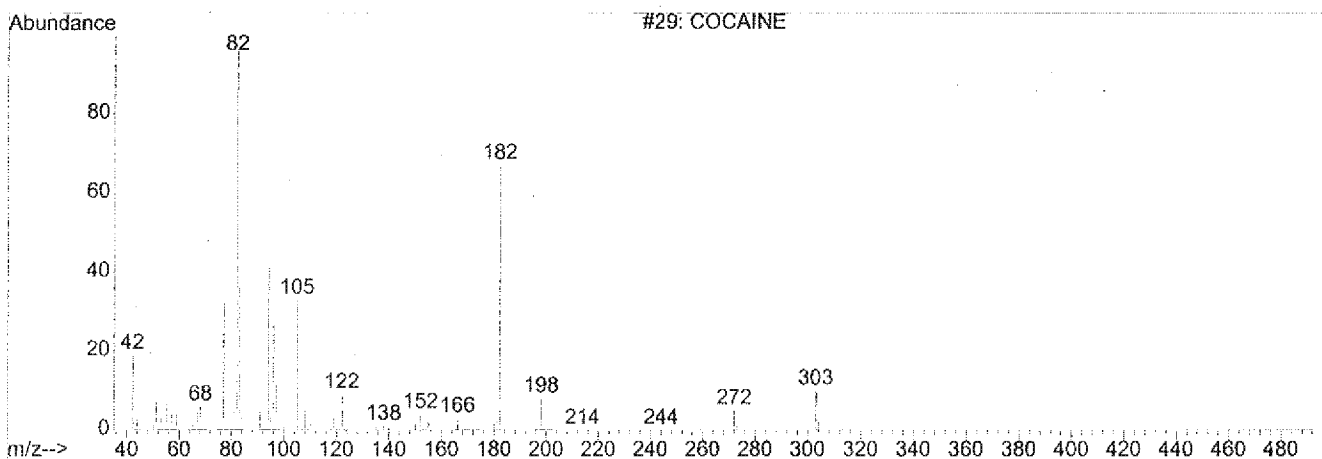
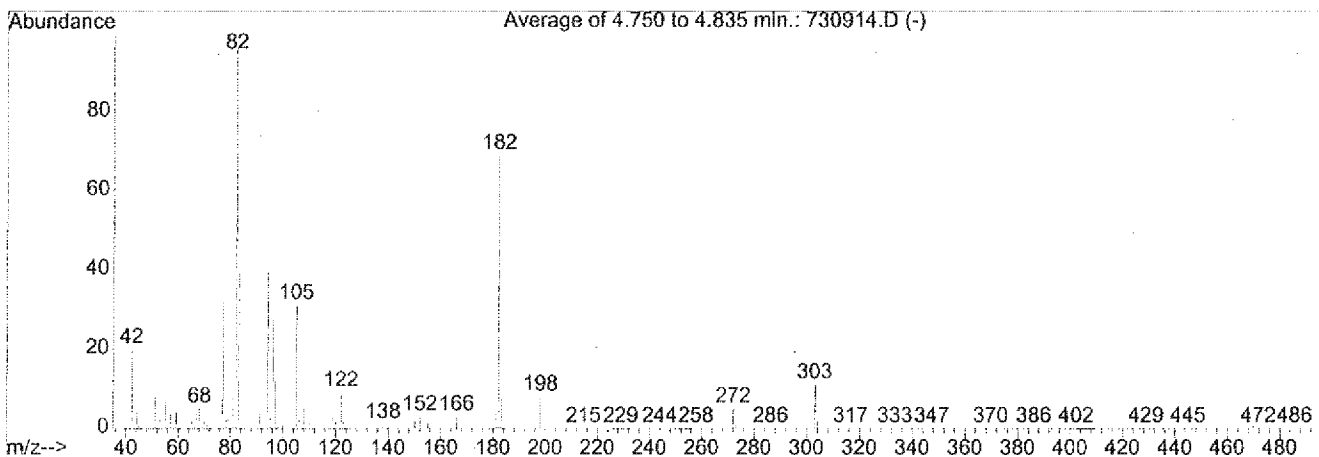
```

File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730914.D
Operator        : KAC
Date Acquired   : 14 Jul 2010  13:28
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 14
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
4	4.78	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

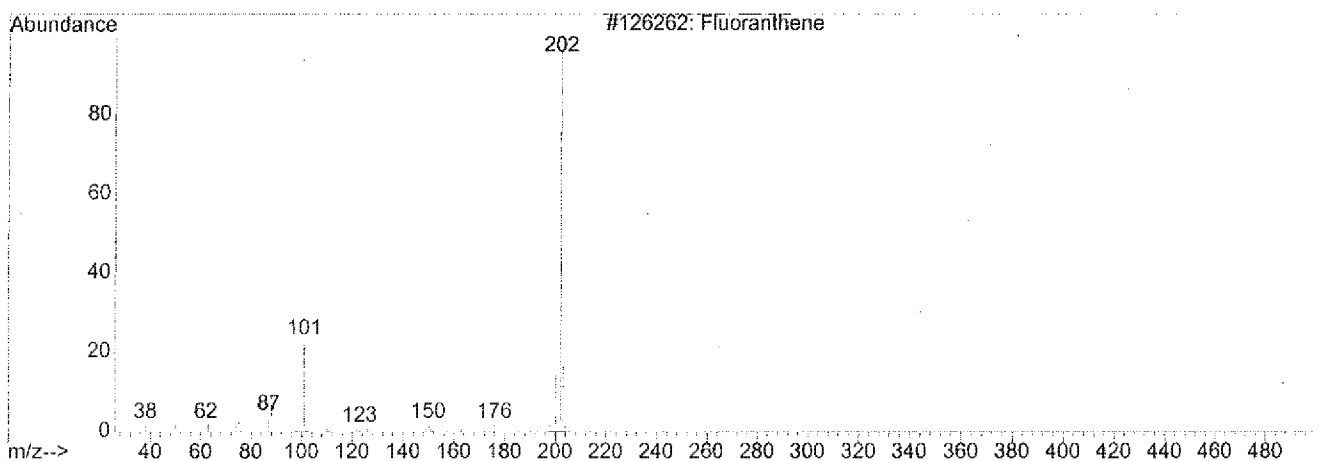
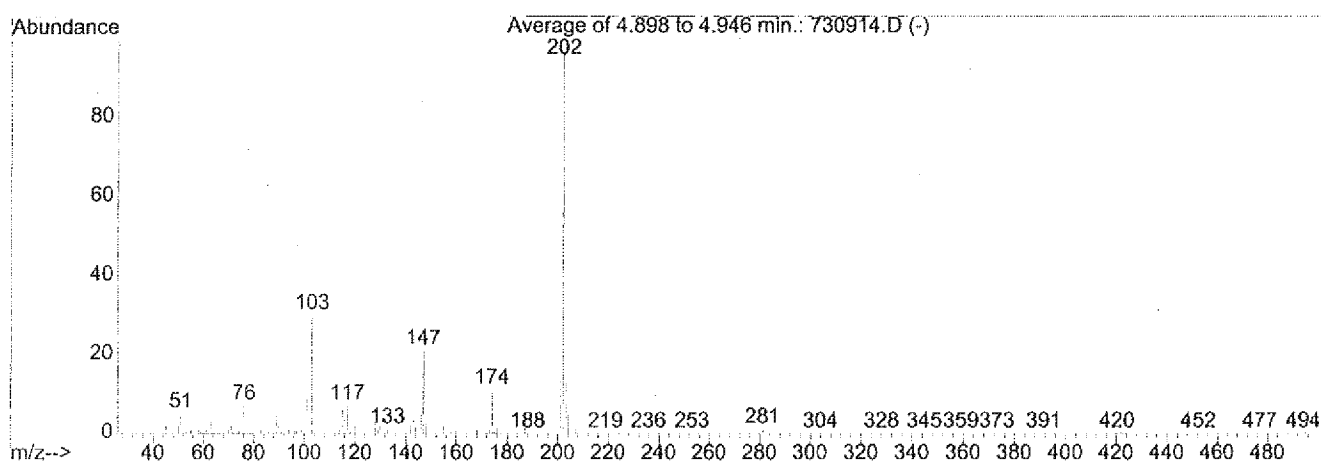
```

File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730914.D
Operator        : KAC
Date Acquired   : 14 Jul 2010  13:28
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 14
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

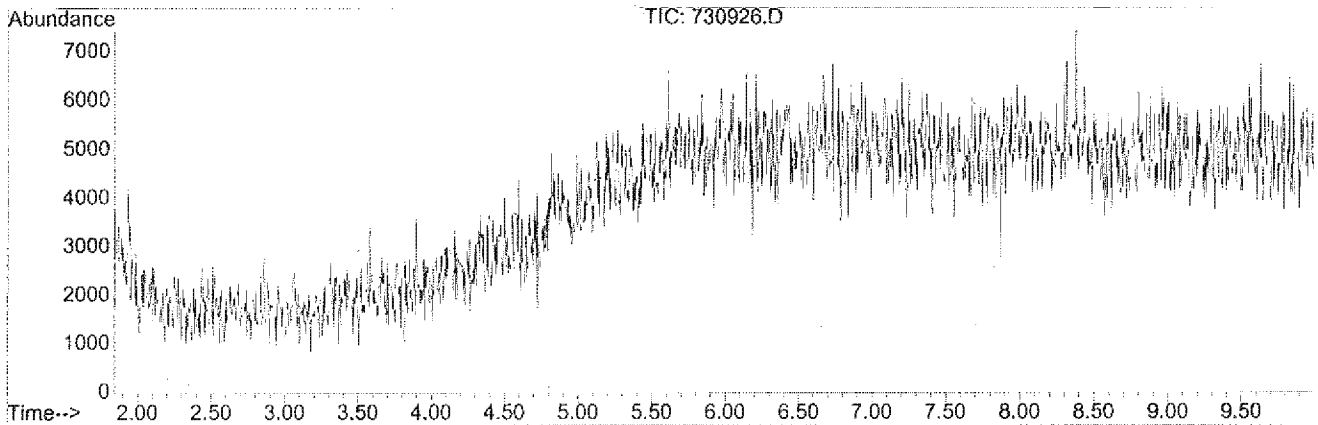
PK#	RT	Library/ID	CAS#	Qual
5	4.92	C:\DATABASE\NIST98.L		
		Fluoranthene	000206-44-0	47
		Pyrene	000129-00-0	47
		7H-Furo[3,2-g][1]benzopyran-7-one,	002009-24-7	47



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07_14_10\730926.D
Operator : KAC
Date Acquired : 14 Jul 2010 16:11
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



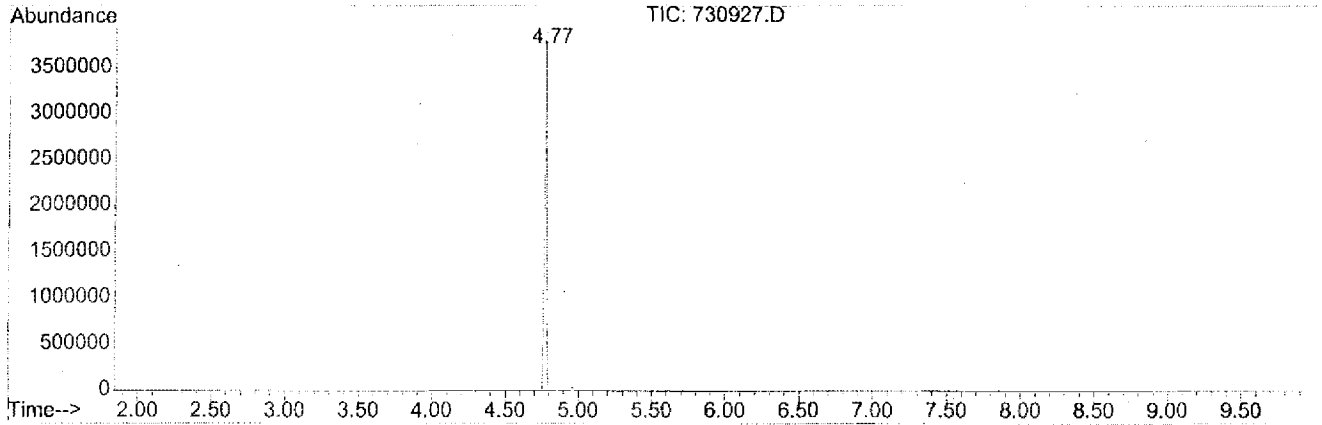
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07_14_10\730927.D
Operator : KAC
Date Acquired : 14 Jul 2010 16:25
Sample Name : COCAINE STD
Submitted by :
Vial Number : 27
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.773	3688095	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

```

File Name       : F:\Q3-2010\SYSTEM4\07_14_10\730927.D
Operator        : KAC
Date Acquired   : 14 Jul 2010  16:25
Sample Name     : COCAINE STD
Submitted by    :
Vial Number     : 27
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	4.77	C:\DATABASE\SLI.L COCAINE	000050-36-2	99

